STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM:	3
-------	---

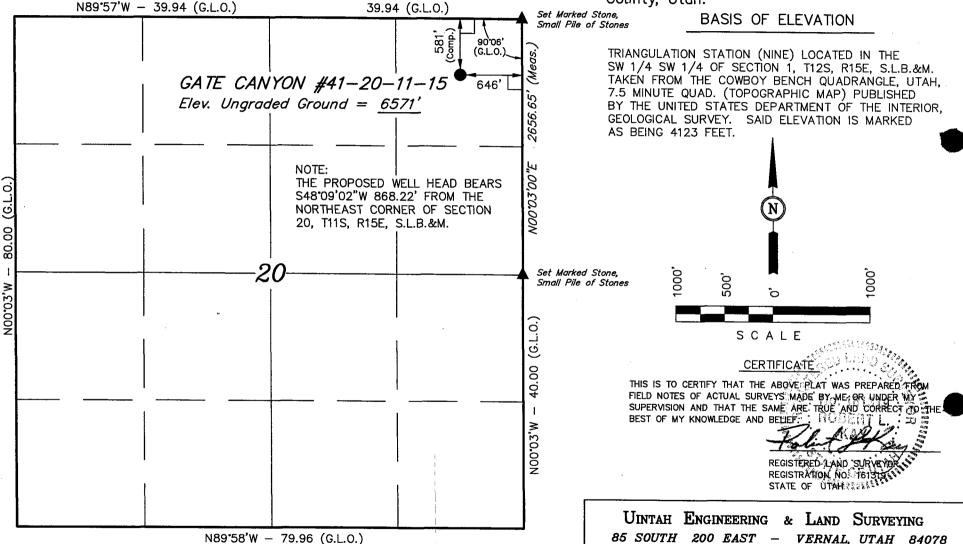
AMENDED REPORT (highlight changes)

A BBLIA A TIANI FAB BEDMIT TA BBILL							5. MINERAL LEASE NO: ML 90001-OBA	6. SURFACE: State	
1A. TYPE OF WORK: DRILL REENTER DEEPEN D							7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:	
B. TYPE OF WELL: OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE							ZONE 🗌	8. UNIT or CA AGREEMENT	NAME:
2. NAME OF OPE		. / /	owned subsi	diant of Cooo	Enorgy			9. WELL NAME and NUMBER	
3. ADDRESS OF	OPERATOR:			diary of Gasco		PHONE NUMBER:		10. FIELD AND POOL, OR W	
14 Invernes			ewood _{ST.}	ATE CO ZIP 80	112	(303) 483-00)44	44 OTD/OTD OFOTION TO	MANIOLUD DANIOL
4. LOCATION OF	•	•	441098	3 Y 39.8	84833			11. QTR/QTR, SECTION, TO MERIDIAN:	
	581' FNL, PRODUCING ZOI		544131	bχ -110,	25039			NENE 20 118 	S 15E S
			AREST TOWN OR P	OST OFFICE:				12. COUNTY:	13. STATE:
			MYTON, UT					DUCHESNE	UTAH
15. DISTANCE TO	NEAREST PROP	PERTY OR LEASE	LINE (FEET)	16. NUMBER O	F ACRES IN LEA			UMBER OF ACRES ASSIGNED	TO THIS WELL:
581'			DI HTTER OR	40 00000055	- CEDTIL	6	40	OND DECODIDATION	
18. DISTANCE TO APPLIED FOR	NEAREST WELL ON THIS LEASE	. (DRILLING, COM E (FEET)	PLETED, OR	19. PROPOSED	DEPTH:	11,7	- 1	OND DESCRIPTION: 127763 BLANKET [DRILLING BOL
21. ELEVATIONS	(SHOW WHETHE	R DF, RT, GR, ET	C.):	22. APPROXIM	ATE DATE WOR			STIMATED DURATION:	ACIELINO DOI
	ET GRADE			12/1/200	03		45	i days	
24.			PROPOS	SED CASING A	ND CEMEN	TING PROGRA	AM		
SIZE OF HOLE	CASING SIZE	GRADE, AND WE		SETTING DEPTH				YIELD, AND SLURRY WEIGHT	
17 1/2"	13 3/8"	H-40	54#		SEE 8 PC	OINT PLAN		icla Cluss H 1	
11"	8 5/8"	J-55	32#			DINT PLAN	200 20	1500 C 1500 2 11 1	
7 7/8 '	4 1/2"	P-110	13.5#			DINT PLAN			
7 770	7 1/2	1 110	10.0#	11,700	02201				
		<u> </u>		· · · · · · · · · · · · · · · · · · ·					
25. ATTACHMENTS									
VERIFY THE FOL	LOWING ARE ATT	FACHED IN ACCC	RDANCE WITH THE	UTAH OIL AND GAS C	ONSERVATION	GENERAL RULES:			
WELL PLA	AT OR MAP PREP	ARED BY LICENS	ED SURVEYOR OR	ENGINEER	☑ cc	MPLETE DRILLING P	LAN		
EVIDENC	E OF DIVISION O	F WATER RIGHTS	S APPROVAL FOR U	SE OF WATER	☐ FO	RM 5, IF OPERATOR	IS PERSON (OR COMPANY OTHER THAN T	HE LEASE OWNER
								 	
NAME (PLEASE F	PRINT) Ed Tro	otter			TITL	E Agent			
SIGNATURE FARE LETTER B/1/2003									
This space for Stat	e use only)	/ 			-	A control (Control (C	by th	e interest	
API NUMBER ASS	42	3-013-3	2475	(See Instruction	APPROVAI	Utah Div OH, Gas al	ision c		CEIVED 14 2003 GAS & MINING
								7 /2	MINING

T11S, R15E, S.L.B.&M.

PANNONIAN ENERGY, INC.

Well location, GATE CANYON #41-20-11-15. located as shown in the NE 1/4 NE 1/4 of Section 20, T11S, R15E, S.L.B.&M., Duchesne County, Utah.



LEGEND:

= 90° SYMBOL

PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)

LATITUDE = 39.50.54.11. (39.848364)

LONGITUDE = $110^{\circ}15'04.61''$ (110.251281)

85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE DATE SURVEYED: DATE DRAWN: 1" = 1000'02-06-03 02-07-03 PARTY REFERENCES B.B. M.P. D.R.B. G.L.O. PLAT WEATHER

FILE COLD

PANNONIAN ENERGY, INC.

From:

Ed Bonner

To:

Mason, Diana

Date:

10/10/03 9:39AM

Subject:

Well Clearances

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

EOG Resources

Chapita Wells Unit 649-2 Chapita Wells Unit 823-16 Chapita Wells Unit 851-32 Chapita Wells Unit 852-32 Chapita Wells Unit 861-32 Chapita Wells Unit 863-32 North Chapita 197-32

Pannonian Energy Gate Canyon 41-20-11-15

Dominion Exploration HCU 5-32 F

If you have any questions regarding this matter please give me a call.

CC:

Baza, John; Garrison, LaVonne; Hill, Brad; Hunt, Gil

WILDLIFE CONSIDERATIONS Utah Division of Wildlife Resources

WELL NUMBER: # 41-20-11-15 DATE: 8-26-03
LEASEE: Pannonia Energy Surface Ownership 5/TLA
HABITAT TYPE: Sage Grass
COMMON VEGETATION Big Suge, Stender wheat grass,
Pou Sp, Gramma, Indian ricegrass
VEGETATION COVER: (Abundant) (Sparse) Moderato)
REVEGATION (Reclamation) POTENTIAL:
Fair is top soil is protected and replaced
Good success from Intermediate Wheatgrass on old
Good success from Intermediate wheatgrass on old rock quarry area where top Soil was replaced or p
WILDLIFE SPECIES COMMON TO AREA: (Habitat Value)
Deer, Elk, Small Wildlije Species.
RAPTOR OCCURRENCE FROM DATA BASES:
None
<u>CONCERNS/RECOMMENDATIONS</u> :
Seed reserve p, + following use. Pad and
access road when closed.
REVIEWED BY: 2 loyd Buillet
Utah Division of Wildlife Resources

435-781-5357

Date 8-26-03 Well Site Gale Caryon 41 20-11-15

STABILIZATION PLANTINGS UPLAND PINYON-JUNIPER

BIG SAGEBRUSH/GRASS COMMUNITIES (12-16" PRECIP))(LBS/AC. PLS)

3101

SPECIES	Seed Mix Options					
	<u>A</u> Sandy/ Shallow	Clayey) <u>C</u> Other	<u>Comments</u>		
GRASSES -	1					
Siberian wheatgrass, Agropyron frailie	3 /					
Russian wildrye, Psathyrostachys juneca		5				
Indian ricegrass, Stypia hymenoides	1/	1				
Crested wheatgrass, Agropyron cristatum	3	2				
Thickspike wheatgrass, Elymus lanceolatus	····/3	2				
Intermediate wheatgrass, Elytrigia intermedia	/3	V 2				
	,					
FORBS		(
Alfalfa, Medicago sativa	' 1	1				
Globe mallow, Sphaeralcea coccinea				·		
SHRUBS						
Fourwing saltbrush, Atriplex cansence		2				
Forage kochia, Kochia postrata	1/2	1/2				
Winterfat, Eurotia lanata			1			
Wyoming big sagebrush, Artemisia tridentata Wyomingensis.	1/2	42				
Total pounds per acre	15	-16				

151/2

Recommended by: (

Lloyd Banklut

Utah Division of Wildlife Resources

435 789-5357

PANNONIAN ENERGY, INC. 14 INVERNESS DRIVE EAST, SUITE H-236 ENGLEWOOD, CO 80112

August 1, 2003

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL GATE CANYON #41-20-11-15
NE/NE, SEC.20, T11S, R15E
DUCHESNE COUNTY, UTAH
LEASE NO.: Exploration Agreement
ML 90001-OBA

STATE LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120 Fax: (435)789-1420

Sincerely,

Ed Trotter

Agent

PANNONIAN ENERGY, INC.

Attachments

RECEIVED

AUG 14 2003

DIV. OF OIL, GAS & MINING

EIGHT POINT PLAN

GATE CANYON STATE #41-20-11-15 NE/NE, SEC. 20, T11S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH	TYPE ZONES	S MAXIMUM PRESSURE
Green River	Surface		
Wasatch	3308	GAS	
Castlegate	8933	GAS	
Desert	9733	GAS	
Grassy	10,003	GAS	
Sunnyside	10,258	GAS	
Kenilworth	10,383	GAS	
Aberdeen	11,153	GAS	
EST. TD:	11,700'		Anticipated 6482 BHP PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

							<u>MINIM</u>	<u>UM SAFETY</u>	FACTOR
HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	COLLA	PSE BURST	TENSILE
17 ½"	0' - 320'	320'	13 3/8	54#	H-40	N/A	N/A		
11"	220'-3100'	3100'	8 5/8	32#	J-55	ST&C	1.63	2.19	3.3
7 7/8"	3100' - TD	11,700'	4 ½"	13.5#	P-110	LT&C			

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

5. MUD PROGRAM

INTERVAL	MUD TYPE
0' - 220'	Water
220' - 3100'	Water with Sweeps
3100 – 7565'	DAP Mud $8.5 - 9.0$ ppg
7565 - TD	DAP Mud $9.0 - 10.5 \text{ ppg}$

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

EIGHT POINT PLAN

GATE CANYON STATE #41-20-11-15 NE/NE, SEC. 20, T11S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH

6. VARIANCE REQUESTS:

- A. PANNONIAN ENERGY, INC. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. PANNONIAN ENERGY, INC. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. PANNONIAN ENERGY, INC. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

7. CEMENT PROGRAM:

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 7/8	P-110 4 1/2"	13.5#	11,760'	100 SX HIFILL 3.82 YIELD @ 11 PPG &
				1500 SXS 50-50- POZ MIXED AT 13.6
				PPG. 1.42 YEILD

LEAD:

460 sacks Hi-Fill

11 ppg

2.87 ft3/sk yield

TAIL:

220 sacks Class "G"

2% CaCl

15.6 ppg

1.18 ft3/sk

8. EVALUATION PROGRAM:

Logs: Triple Combo TD – 3100'

GR 3100' to Surface

Cores: None Programmed DST: None Programmed

Completion: To be submitted at a later date.

9. ABNORMAL CONDITIONS:

None anticipated.

EIGHT POINT PLAN

GATE CANYON STATE #41-20-11-15 NE/NE, SEC. 20, T11S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH

10. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

11. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

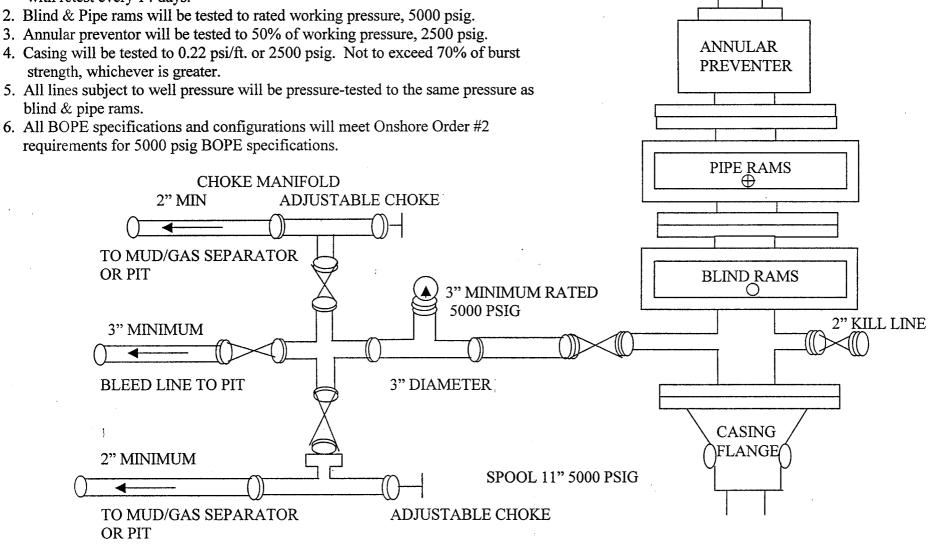
(Attachment: BOP Schematic Diagram)

5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED. CASING FLANGE IS 11" 5000 PSIG RATED. BOPE 11" 5000 PSIG

TESTING PROCEDURE:

- 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
- strength, whichever is greater.
- 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
- requirements for 5000 psig BOPE specifications.



ROTATING HEAD

FLOW LINE

PANNONIAN ENERGY, INC.

GATE CANYON #41-20-11-15 SECTION 20, T11S, R15E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; THURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 24.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 200' TO THE PROPOSED LOCATION

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

Pannonian Energy, Inc.

Well Name & Number: Gate Canyon 41-20-11-15

Lease Number:

Exploration Agreement ML-90001-OBA

Location:

581' FNL & 646' FEL, NE/NE, Sec. 20,

T11S, R15E, S.L.B.&M.,

Duchesne County, Utah

Surface Ownership:

STATE OF UTAH

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

Equipment Tests

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more than

ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 28.24 miles southwest of Myton, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 200 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: <u>Surface Operating</u> Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Pannonian Energy, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping. See attached facility diagram.
- 2. Gas gathering lines A 3" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3" OD steel above ground natural gas pipeline will be laid approximately 4300' from proposed location to a point in the NW/NE of Section 21, T11S, R15E, where it will tie into an existing pipeline. Proposed pipeline crosses State of Utah administered lands, thus a Right-of-Way grant will be required.
- 3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Southeast side of the location.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Jim Nebeker Trucking Water Plant, Myton, Utah. Water Right #43-1721 in Section 34, T3S, R2W, Duchesne County, Utah.
- B. Water will be hauled by licensed trucking company.
- C. No water well will be drilled on lease.

11. SURFACE OWNERSHIP

Access road: State of Utah Location: State of Utah

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

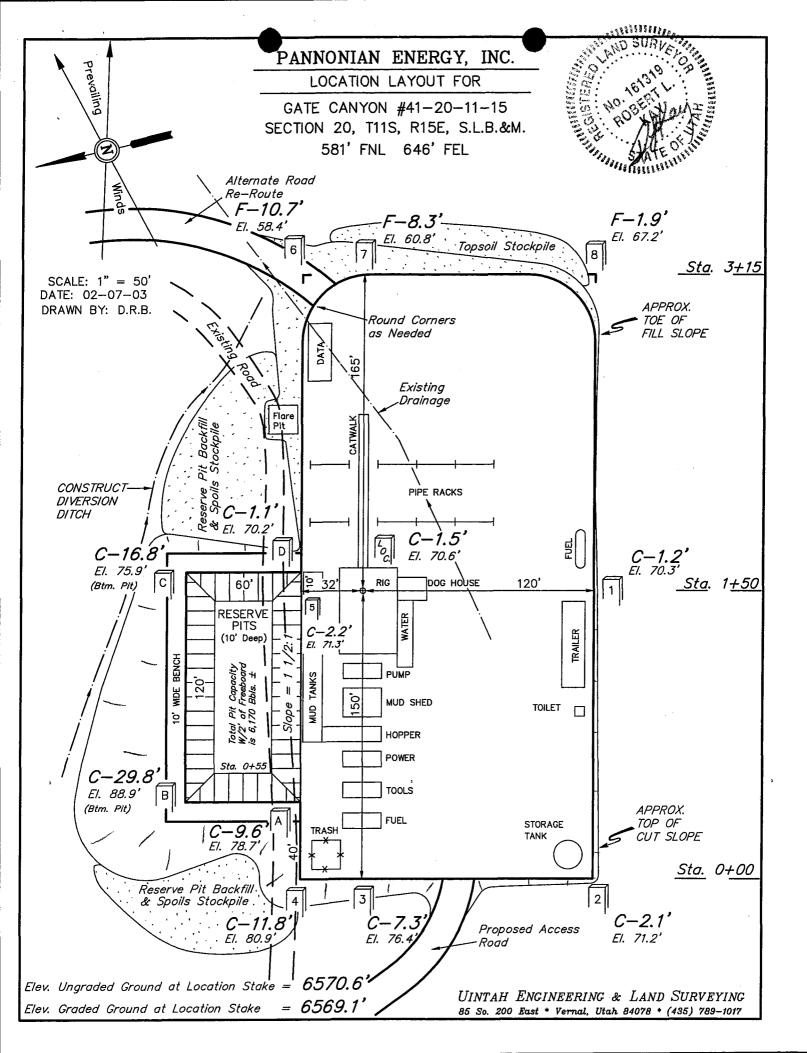
OPERATIONS

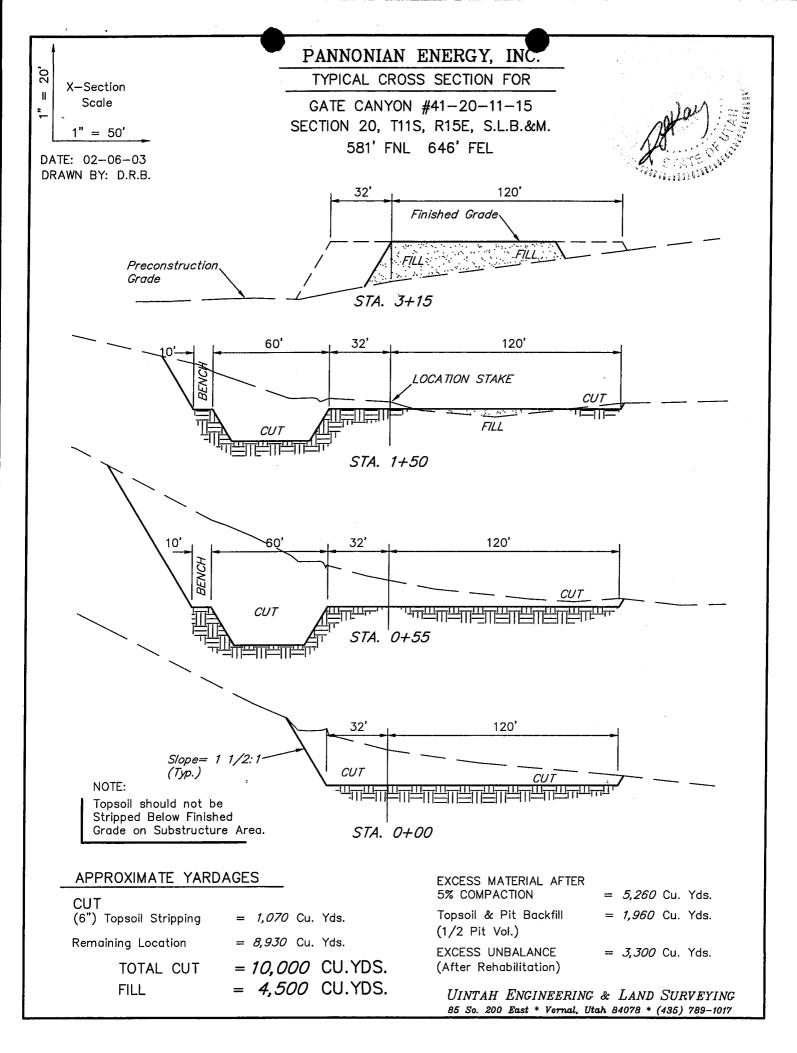
Pannonian Energy (a wholly owned subsidiary of Gasco Energy) 14 Inverness Drive East, Suite H-236 Englewood, CO 80112 **PERMITTING**

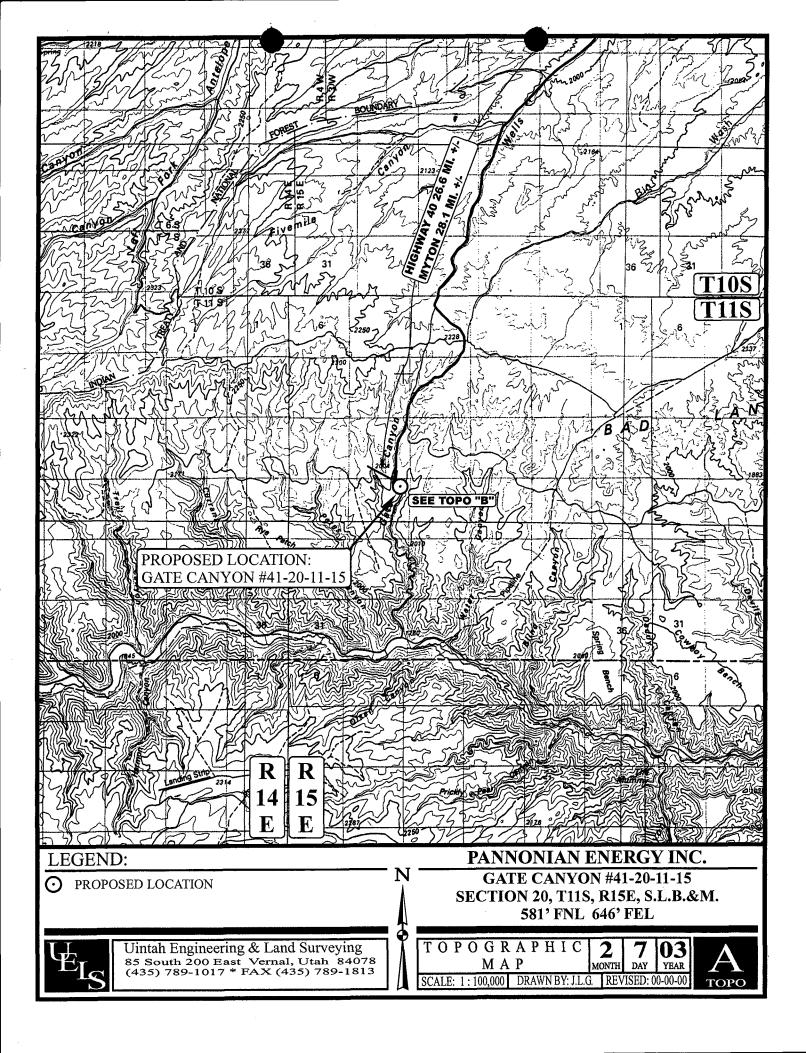
Ed Trotter P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420







PANNONIAN ENERGY, INC. GATE CANYON #41-20-11-15

LOCATED IN DUCHESNE COUNTY, UTAH SECTION 20, T11S, R15E, S.L.B.&M.

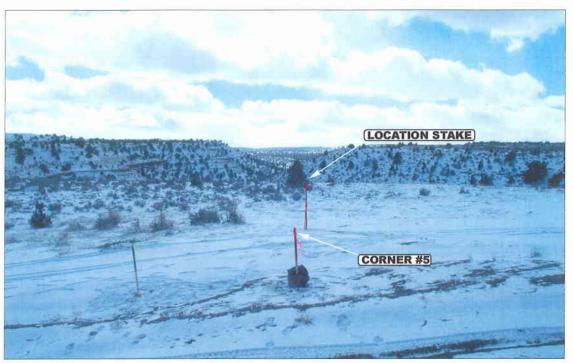


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

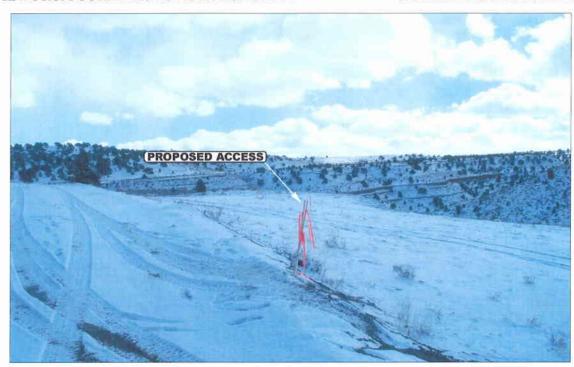


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

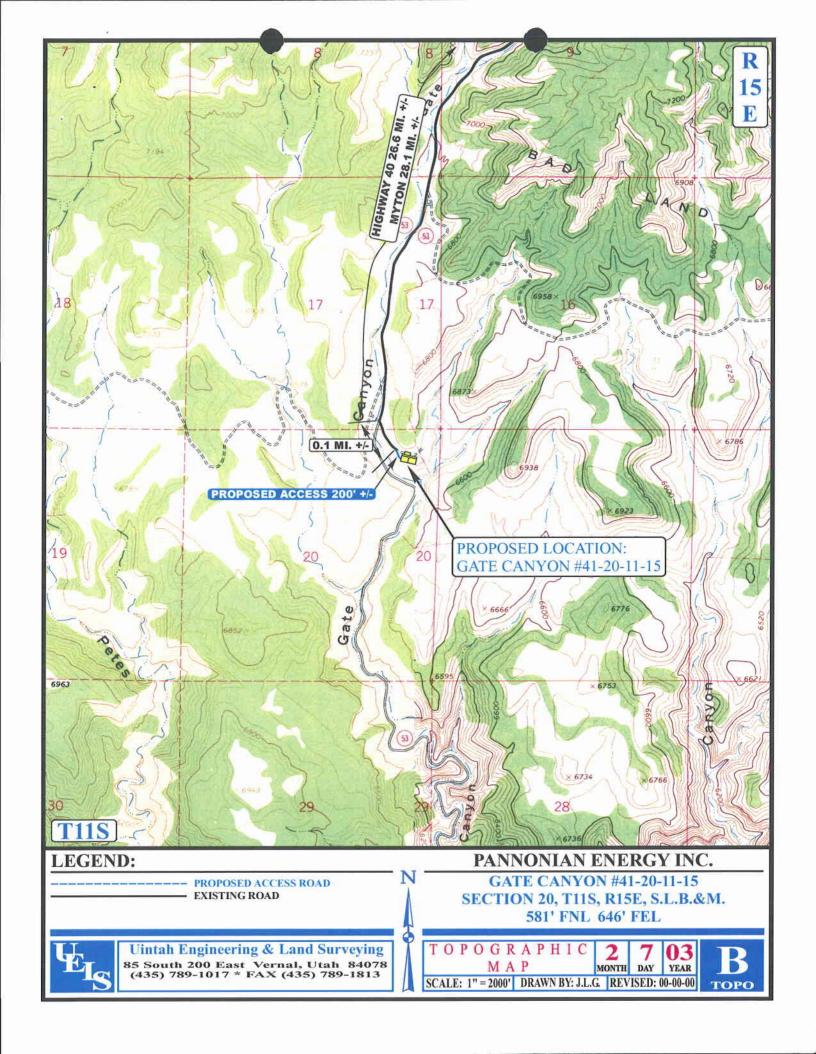
LOCATION PHOTOS

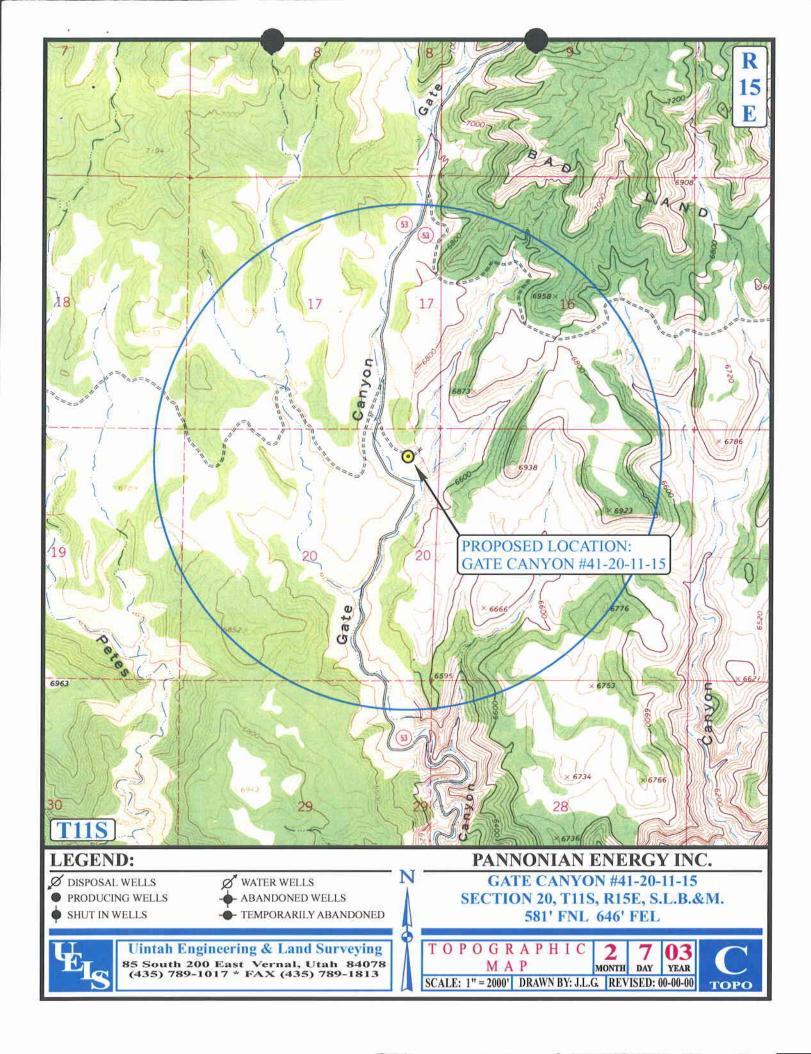
2 7 MONTH DAY

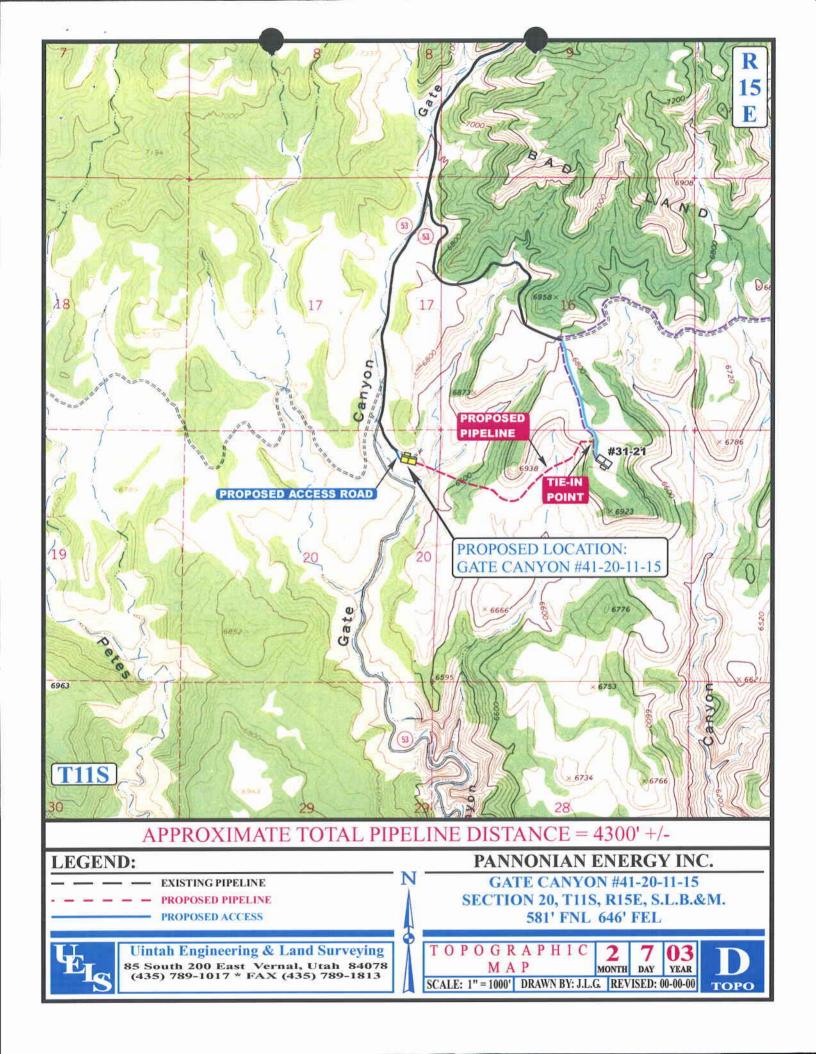
TAKEN BY: B.B. DRAWN BY: J.L.G. REVISED: 00-00-00

O3 YEAR

рното







WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/14/2003	API NO. ASSIGNE	D: 43-013-324	75
WELL NAME: GATE CYN 41-20-11-15 OPERATOR: PANNONIAN ENERGY INC (N1815) CONTACT: ED TROTTER	PHONE NUMBER: 43	5-789-4120	
PROPOSED LOCATION:	INSPECT LOCATN	BY: / /	
NENE 20 110S 150E SURFACE: 0581 FNL 0646 FEL	Tech Review	Initials	Date
BOTTOM: 0581 FNL 0646 FEL DUCHESNE	Engineering	DRD	9/16/03
WILDCAT (1)	Geology		
LEASE TYPE: 3 - State	Surface		
LEASE NUMBER: ML-90001-OBA SURFACE OWNER: 3 - State PROPOSED FORMATION: CSLGT	LATITUDE: 39.84 LONGITUDE: 110.2		
Plat Plat Bond: Fed[] Ind[] Sta[3] Fee[] (No. 4127763) Potash (Y/N) Coil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-1721) RDCC Review (Y/N) Coate: 09/08/2003 €) Fee Surf Agreement (Y/N)	R649-3-3. E Drilling Uni Board Cause Eff Date: Siting:	eneral om Qtr/Qtr & 920' xception	Between Wells
STIPULATIONS: 2 - Surface Casing Cont Stip 3 - Production (asing Cont Stip 4 - STATEMENT OF BASIS	s to ± 3100		

DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	Pannonian Energy, Inc.
WELL NAME & NUMBER:	
API NUMBER:	43-013-32475
LOCATION: 1/4,1/4 NE/NE Sec:	20_TWP: <u>11S_RNG: 15E_581_FNL_646_FEL</u>
Geology/Ground Water:	
moderately saline water is estimated wells within a radius of 10,000' from is the Green River Formation. The and shales. These rocks may be fraum Green River Formation aquifers. The surface and near-surface waters near the surface waters near the	Defect of surface casing at the proposed location. The depth of the dat 4,500'. A search of Division of Water Rights records shows no water method the center of Section 20. The surface formation at the proposed location Green River Formation is made up of interbedded sandstones, limestones ctured in this area. This area should also be considered a recharge area for the proposed casing and cementing program should adequately protect are the proposed location Date: 09-04-03
Surface:	
Bonner with SITLA (state lands) was was also notified and attended the reclamation of reserve pit and locate associated with this location. It is sandstone. Therefore, a pad and lines Construct diversion ditch along north	lone on said date take input and address issues for the drilling of this well. Eds invited by telephone and emailed of time and date. The Northeastern UDWR onsite meeting. A seed mixture and amount was given to Ed Trotter for ion when reclaimed. The UDWR did not site any critical wildlife concerns likely that blasting will be needed to cut reserve pit because of underlying reshall be required in reserve pit to prevent leakage. Location is a legal staking. In northeast side of location and tie back into existing drainage to east for erosion or problems were noted during onsite visit.
Reviewer:Dennis]	L. Ingram Date: August 26, 2003

Conditions of Approval/Application for Permit to Drill:

1. Install a 12 mil (minimum) synthetic liner and sufficient padding to line reserve pit and prevent seepage into adjacent canyons.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: Pannonian Energy, Inc. (Subsidiary of Gasco Energy)

WELL NAME & NUMBER: Gate Canyon 41-20-11-15

API NUMBER: 43-013-32475

LEASE: State of Utah FIELD/UNIT:

LOCATION: 1/4,1/4 NE/NE Sec: 20 TWP: 11S RNG: 15E 581 FNL 646 FEL LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL. GPS COORD (UTM): X = E; Y = N SURFACE OWNER: Sitla (State Lands)

PARTICIPANTS

Dennis L. Ingram (DOGM); Floyd Bartlett (UDWR); Ed Trotter (Pannonian Energy Rep);

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Located on bench immediately east of Gate Canyon and approximately one mile south of the Wrinkles Road that runs to Sand Wash, or 26.6 miles south of Highway 40 from Pleasant Valley turn-off. Sandstone outcroppings line the walls of Gate Canyon much like what is seen in the lower country of Nine Mile Canyon. A two-track access into location has already been cut from past use during rock removal process. Gate Canyon drains into Nine Mile canyon and recently had a flash flood wash out main road.

SURFACE USE PLAN

CURRENT SURFACE USE: Formerly used for slab rock excavation and wildlife use, also has winter cattle grazing

PROPOSED SURFACE DISTURBANCE: New access measuring 20 +/- feet and location 152'x 315' plus reserve pit

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Gate Canyon #31-21

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production equipment shall remain on lease and have proposed running one mile of new gas line east to the Gate Canyon #31-21

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill

ANCILLARY FACILITIES: None requested

WASTE MANAGEMENT PLAN:

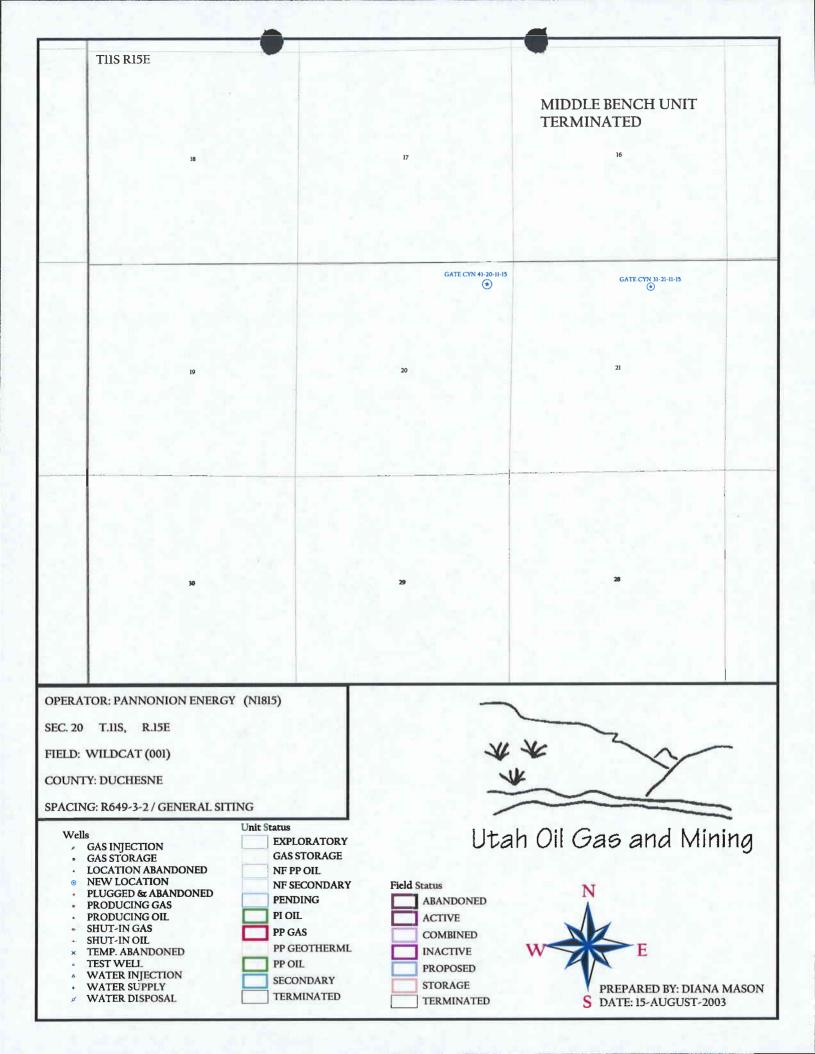
Submitted to the division with Application to Drill

ENVIRONMENTAL PARAMETERS

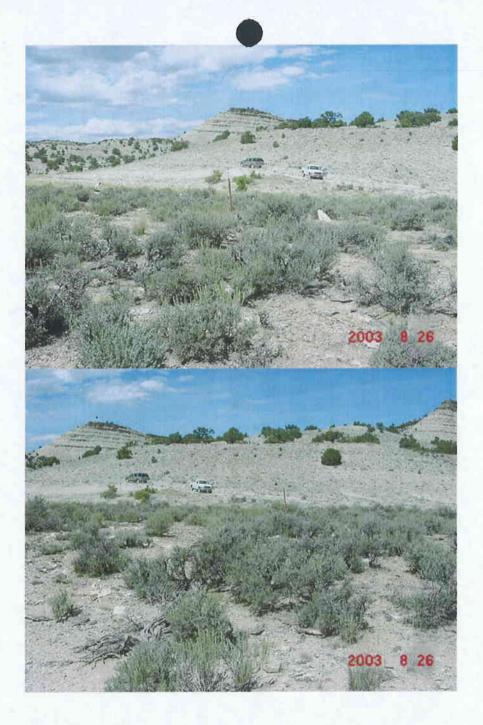
AFFECTED FLOODPLAINS AND/OR WETLANDS: <u>Gate Canyon is steep and narrow and does have flash flood potential during storm run off, no wetland involvement.</u>

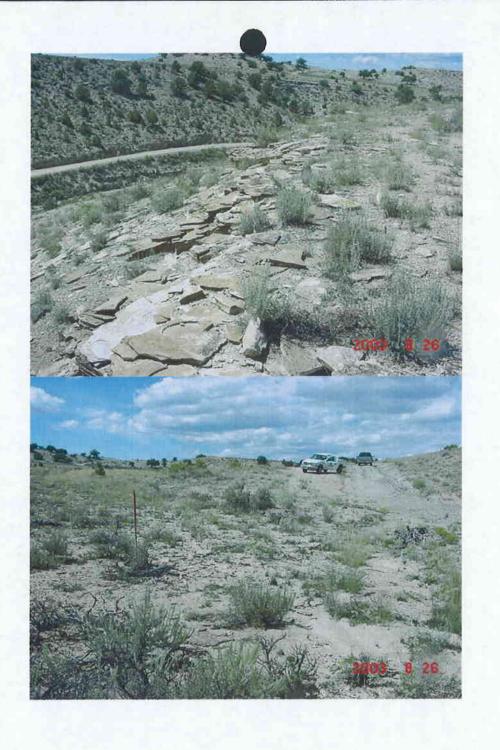
FLORA/FAUNA: Sparse vegetative cover from previous use, native to area. Typical habitat is sage/grass lands. A seed mixture for reclamation was given to operator by UDWR biologist. Deer, elk, mountain lion, bobcat and other smaller wildlife.

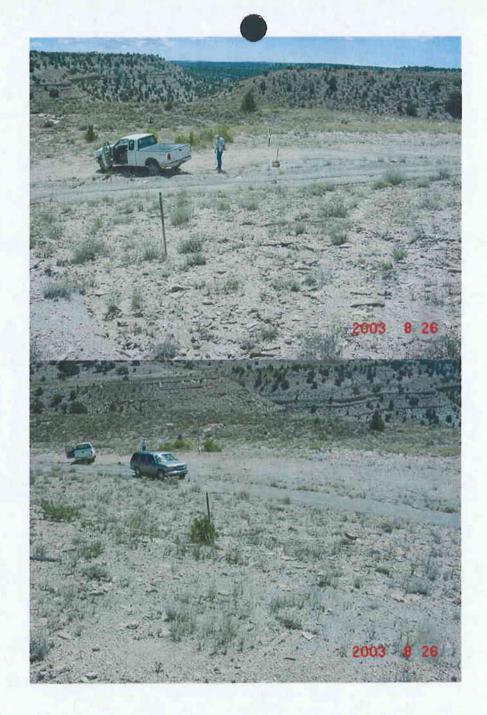
	SOIL TYPE AND CHARACTERISTICS: Tan fine grained sand with clay present
	SURFACE FORMATION & CHARACTERISTICS: Green River
	EROSION/SEDIMENTATION/STABILITY: Active erosion, ongoing sedimentation, and potential stability problems to south of location.
	PALEONTOLOGICAL POTENTIAL: None observed during onsite
RESE	RVE PIT
	CHARACTERISTICS: Reserve pit proposed in cut north of location measuring 120'x 60'x 10' and having wellhead downwind of prevailing winds.
	LINER REQUIREMENTS (Site Ranking Form attached): 30 points
SURF	ACE RESTORATION/RECLAMATION PLAN
	To original condition and seeded or according to SITLA at time of reclamation.
SURF	ACE AGREEMENT: Yes
	CULTURAL RESOURCES/ARCHAEOLOGY: Arch survey was done by Jim Truesdale and submitted to Sitla (state lands)
OTHE	R OBSERVATIONS/COMMENTS
	Located on bench east of canyon floor, surface slopes to south, existing access road from prior activity, gate on road, rocky shelf that drops off to south of location corners #1, #2, and #8.
ATTA(CHMENTS
	Photos of this location were taken and placed on file.
	Dennis L. Ingram August 26, 2003 11:30 AM DOGM REPRESENTATIVE DATE/TIME











Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

For Reserve and	Onsite Pit Liner	Kequirements
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200 75 to 100	5 10	
25 to 75	15	
<25 or recharge area	20	5
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000 200 to 300	2 10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal		
Well (feet) >5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)	_	
>1320 300 to 1320	0 10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	20
High permeability	20	20
Fluid Type	0	
Air/mist Fresh Water	0 5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of	2.0	E
hazardous constituents	20	5
Drill Cuttings	0	
Normal Rock Salt or detrimental	0 10	0
	10	
Annual Precipitation (inches) <10	0	
10 to 20	5	
>20	10	0
Affected Populations	_	
<10 10 to 30	0 6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	0
Present	15	0

30 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.

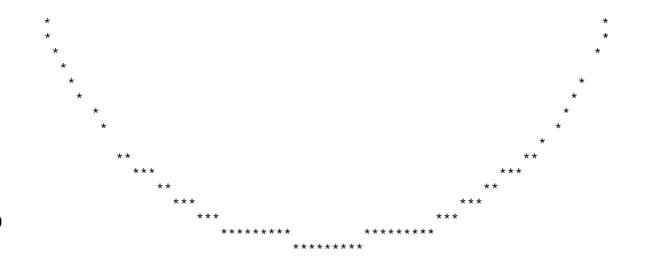
Final Score

UTAH DIVISION OF WATER RIGHTS WATER RIGHT POINT OF DIVERSION PLOT CREATED THU, SEP 4, 2003, 8:44 AM 0 POINTS OF DIVERSION PLOT SHOWS LOCATION OF

FEET FROM A POINT PLOT OF AN AREA WITH A RADIUS OF 10000 FEET, FEET OF THE CT CORNER, SECTION 20 TOWNSHIP 11S RANGE 15E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

NORTH



STATE ACTIONS

Governor's Office of Planning and Budge Resource Development Coordinating Committee P.O. Box 145610

1594 W. North Temple, Suite 3710 SLC, UT 84114-5610

538-5535

1. Administering State Agency	2. Approximate date project will start:						
Oil, Gas and Mining	M A						
1594 West North Temple, Suite 1210	Upon Approval or December 1, 2003						
Sait Lake City, U1 84114-3801	Salt Lake City, UT 84114-5801						
3. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)							
	,						
Uintah Basin Association of Governments							
4. Type of action: //Lease /X/Permit //License //Land Acquisition							
//Land Sale //Land Exchange //Other							
5. Title of proposed action:							
Application for Permit to Drill							
6. Description:							
Pannonian Energy, Inc. proposes to drill the Gate Canyon 41-20-11-15 well (wildcat) on State lease ML 90001-OBA, Duchesne County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state							
interests. The Division of Oil, Gas and Mining is the primary ad	ministrative agency in this action and must issue						
approval before operations commence.	,,,,,						
7. Land affected (site location map required) (indicate county) –	include LITM coordinates where nossible						
581' FNL, 646' FEL NE/4, NE/4,	metade of M coordinates where possible						
Section 20, Township 11 South, Range 15 East, Du	ichesne County, Utah						
8. Jordan River Natural Areas Forum review – If the proposed a	ction affects lands within the Jordan River Natural						
Areas Corridor. N/A							
9. Has the local government(s) been contacted? No							
If yes,							
a. How was contact made?							
b. Who was contacted? c. What was the response?							
d. If no response, how is the local government(s) likely to be imp	acted?						
10. Possible significant impacts likely to occur:							
Degree of impact is based on the discovery of oil or gas in commercial quantities.							
11. Name and phone of district representative from your agency N/A	near project site, if applicable:						
12. For further information, contact:	13. Signature and title of authorized officer						
	Cler Ban						
Diana Mason (801) 538-5312 John R. Baza, Associate Director Date: August 18, 2003							
Phone: (801) 538-5312	Date. August 10, 2003						

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING

	FORM 3

			DIV	ISION OF OI	L, GAS AN	ND MINING			ED REPORT [] ht changes)	
APPLICATION FOR PERMIT TO DRILL					5. MINERAL LEASE NO: ML 90001-OBA	6. SURFACE: State				
1A. TYPE OF WO	DRK: C	RILL 🗹 F	REENTER _	DEEPEN			· · · · · · · · · · · · · · · · · · ·	7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:	
B. TYPE OF WELL: OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE							8. UNIT OF CA AGREEMENT	8. UNIT or CA AGREEMENT NAME:		
2. NAME OF OPE	ERATOR:		· · · · · · · · · · · · · · · · · · ·					9. WELL NAME and NUMBE	R:	
		c. (A wholly o	wned subsid	liary of Gasco	Energy, In				GATE CANYON 41-20-11-15	
3. ADDRESS OF 14 Invernes	•· =· · · · · · · · · · · · · · · · · ·	e. _{city} Englev	vood sta	TE CO ZIP 80	112	PHONE NUMBE (303) 483-		10. FIELD AND POOL, OR W	ALDCAT:	
A LOCATION OF WELL (FOOTACES)						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:				
44/09/3 Y 39,84833 AT SURFACE: 581' FNL, 646' FEL 44/09/3 Y 39,84833						NENE 20 11	S 15E S			
AT PROPOSED	PRODUCING ZO	NE: SAME	, , ,	- // 0 ,	25037					
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:					12. COUNTY:	13. STATE: UTAH				
28.24 MII	LES SOUT	HWEST OF N	MYTON, UTA	ΔΗ				DUCHESNE	<u> </u>	
	NEAREST PRO	PERTY OR LEASE LI	NE (FEET)	16. NUMBER O	F ACRES IN LEA	SE:		NUMBER OF ACRES ASSIGNED	TO THIS WELL:	
581'	NEAREST WELL	L (DRILLING COMPL	ETED OR	19 PROPOSET	640 19. PROPOSED DEPTH: 20. B			BOND DESCRIPTION:		
APPLIED FOR	18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 19. PROPOSED		OLI III.	11	- 1	1127763 BLANKET [ORILLING BOI			
21. ELEVATIONS					ESTIMATED DURATION:					
6569.1 FE	6569.1 FEET GRADED GROUND 12/1/2003)3		4	5 days			
24.			PROPOS	ED CASING A	ND CEMEN	TING PROG	RAM			
SIZE OF HOLE	CASING SIZE,	GRADE, AND WEIGH	HT PER FOOT	SETTING DEPTH		CEMENT T	YPE, QUANTIT	Y, YIELD, AND SLURRY WEIGH	Т	
17 1/2"	13 3/8"	H-40	54#	320	SEE 8 POINT PLAN					
11"	8 5/8"	J-55	32#	3,100	SEE 8 POINT PLAN					
7 7/8 '	4 1/2"	P-110	13.5#	11,700						
				-						
								£		
25.				ATTA	CHMENTS					
VERIFY THE FOL	LOWNG ARE AT	TACHED IN ACCORE	DANCE WITH THE U	TAH OIL AND GAS C	ONSERVATION	GENERAL RULES:				
WELL PL	AT OR MAR ORES	DADED BY LICENSEE	STIPVEVOD OD E	NGINEER		MPI ETE DEILLING	C DI AN			
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER COMPLETE DRILLING PLAN V EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER FORM 5, IF OPERATOR IS PERSON				LOD COMPANY OTHER THAN T	THE LEASE OLAMED					
EVIDENC	E OF DIVISION C	F WATER RIGHTS A	PPROVAL FOR USI	E OF WATER	I LI FO	RM 5, IF OPERATO	OR IS PERSO	OR COMPANY OTHER THAN I	HE LEASE OWNER	
	Ed Tro	ottor				Agent				
NAME (PLEASE PRINT) Ed Trotter TITLE Agent										
SIGNATURE FRANCE DATE 8/1/2003										
(This space for Sta	te use only)	n a15						RE	CEIVE	

API NUMBER ASSIGNED: 43 013-32475

APPROVAL:

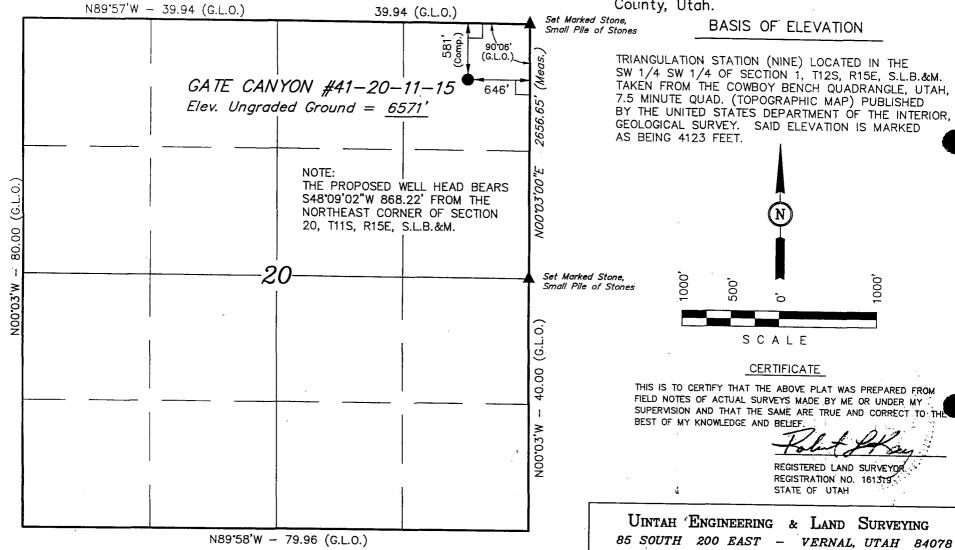
AUG 14 2003

DIV. OF OIL, GAS & MIL.

T11S, R15E, S.L.B.&M.

PANNONIAN ENERGY, INC.

Well location, GATE CANYON #41-20-11-15. located as shown in the NE 1/4 NE 1/4 of Section 20, T11S, R15E, S.L.B.&M., Duchesne County, Utah.



LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

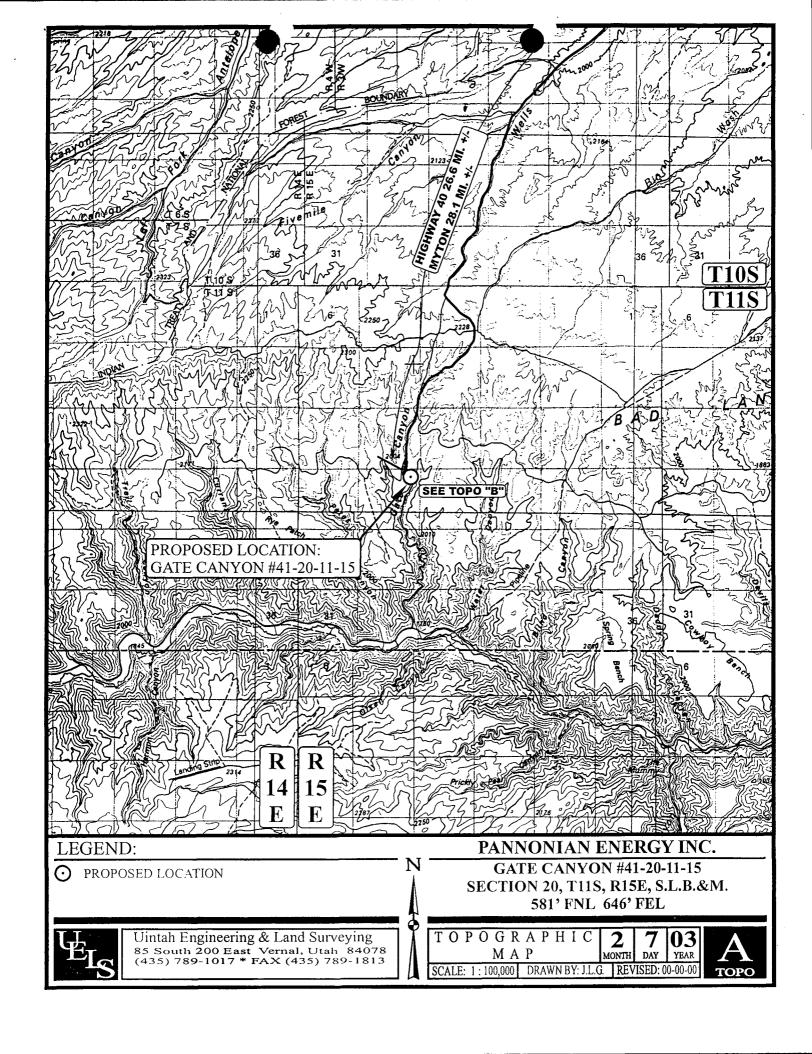
(AUTONOMOUS NAD 83)

LATITUDE = 39.50.54.11" (39.848364)

LONGITUDE = 110'15'04.61" (110.251281)

(435) 789-1017

SCALE 1" = 1	000'		DATE SURVEYED: 02-06-03	DATE DRAWN: 02-07-03
B.B.	M.P.	D.R.B.	REFERENCES G.L.O. PLA	T
WEATHER			FILE	
ÇO	LD		PANNONIAN EN	IERGY, INC.



MEMORANDUM

DATE:

August 26, 2003

TO:

Utah Division of Oil, Gas and Mining

FROM:

Utah Geological Survey, Environmental Sciences Program

SUBJECT:

UGS comments on RDCC Short Turn Around items 3182-3183

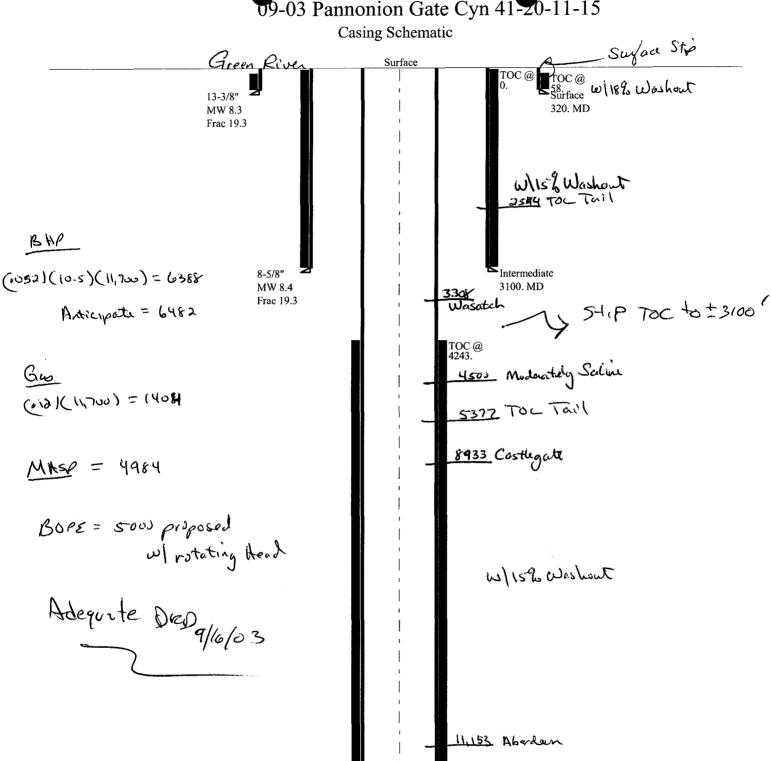
3182. Division of Oil, Gas and Mining, Short Turn Around Drilling Permit, Sec. 20, T11S, R15E, Duchesne County, Application for Permit to Drill - Proposal to drill a wildcat well, the Gate Canyon 41-20-11-15 on State lease ML 90001-OBA.

Although there are no paleontological localities recorded in this project area, there are exposures of the Eocene Green River Formation throughout the project area that have the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological evaluation of this project be conducted.

3183. Division of Oil, Gas and Mining, Short Turn Around Drilling Permit, Sec. 24, T4S, R4W, Duchesne County, Application for Permit to Drill - Proposal to drill a wildcat well, the Moon KMV 1-24 on Fee lease.

Although there are no paleontological localities recorded in this project area, there are exposures of the Eocene Uinta Formation throughout the project area that have the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey of this project be conducted.

09-03 Pannonion Gate Cyn 41-20-11-15



4-1/2"

MW 10.5

Production

11700. MD

Well name:

09-03 Pannonion Gate Cyn 41-20-11-15

Operator:

Pannonion Energy Inc.

String type:

Surface

Design is based on evacuated pipe.

Project ID:

43-013-32475

Location:

Collapse

D

Design parameters:

Mud weight:

Minimum design factors:

Collapse:

Environment: H2S considered?

No

Design factor 1.125 Surface temperature: Bottom hole temperature: 75 °F 79 °F

Temperature gradient: Minimum section length: 1.40 °F/100ft 250 ft

Burst:

Design factor

1.00

Cement top:

58 ft

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: Calculated BHP

282 psi 0.120 psi/ft

320 psi

Tension:

8 Round STC:

8 Round LTC: Buttress:

Premium:

Neutral point:

Body yield:

Tension is based on buoyed weight.

1.50 (J) 1.50 (B)

281 ft

1.80 (J)

1.80 (J)

1.60 (J)

Re subsequent strings:

Non-directional string.

Next setting depth: 3,100 ft Next mud weight: 8.400 ppg

Next setting BHP: Fracture mud wt:

1,353 psi 19.250 ppg

Fracture depth: Injection pressure 320 ft 320 psi

Run Seq	Segment Length (ft) 320	Size (in) 13.375	Nominal Weight (lbs/ft) 48.00	Grade H-40	End Finish ST&C	True Vert Depth (ft) 320	Measured Depth (ft) 320	Drift Diameter (in) 12.59	Internal Capacity (ft³) 30.1
Run Seq	Collapse Load (psi) 138	Collapse Strength (psi) 740	Collapse Design Factor 5.363	Burst Load (psi) 320	Burst Strength (psi) 1730	Burst Design Factor 5.41	Tension Load (Kips) 13	Tension Strength (Kips) 322	Tension Design Factor 23.86 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining by:

Phone: 801-538-5280

FAX: 801-359-3940

Date: September 5,2003 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 320 ft, a mud weight of 8.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

09-03 Pannonion Gate Cyn 41-20-11-15

Operator:

Pannonion Energy Inc.

String type:

Intermediate

Project ID:

43-013-32475

Location:

D

Design parameters:

Minimum design factors: **Environment:**

Collapse Design factor

Mud weight: 8.400 ppg Design is based on evacuated pipe.

H2S considered? Collapse:

No 75 °F 1.125 Surface temperature:

Bottom hole temperature: 118 °F 1.40 °F/100ft Temperature gradient:

Minimum section length: 320 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J) 1.60 (J) Cement top:

Surface

Burst

Max anticipated surface

pressure: Internal gradient:

No backup mud specified.

Calculated BHP

2,728 psi 0.120 psi/ft

3,100 psi

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

Premium:

Body yield:

Neutral point:

1.50 (J) 1.50 (B)

2,713 ft

Tension is based on buoyed weight.

Re subsequent strings: Next setting depth:

Non-directional string.

7,565 ft Next mud weight: 10.500 ppg Next setting BHP: 4,126 psi

Fracture mud wt: 19.250 ppg 3,100 ft Fracture depth: 3,100 psi Injection pressure

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3100 —	8.625	32.00 -	J-55 /	ST&C	3100	3100	7.875	196.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1353	2530	1.871	3100	 3930	1.27 -	87	372	4.29 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280

FAX: 801-359-3940

Date: September 5,2003 Salt Lake City, Utah

Collapse is based on a vertical depth of 3100 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

09-03 Pannonion Gate Cyn 41-20-11-15

Operator:

Pannonion Energy Inc.

String type:

Production

Design is based on evacuated pipe.

Project ID:

43-013-32475

Location:

Collapse

D

Minimum design factors:

Collapse:

Design factor 1.125 **Environment:**

H2S considered? Surface temperature: No

Bottom hole temperature: 239 °F

75 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length: 1,500 ft

Non-directional string.

Burst:

Design factor

1.00

Cement top:

4,243 ft

Burst

Max anticipated surface

No backup mud specified.

pressure:

Design parameters:

Mud weight:

4,978 psi

10.500 ppg

Internal gradient: Calculated BHP

6,382 psi

0.120 psi/ft

Tension:

8 Round LTC:

Buttress:

Premium: Body yield:

8 Round STC:

1.80 (J) 1.80 (J)

1.60 (J) 1.50 (J)

1.50 (B)

Tension is based on buoyed weight.

Neutral point:

9.887 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11700	4.5	13.50	P-110 /	LT&C /	11700	11700	3.795	311.6
Run Seq	Collapse Load (psi) 6382	Collapse Strength (psi) 10680	Collapse Design Factor	Burst Load (psi) 6382	Burst Strength (psi) 12410	Burst Design Factor 1.94	Tension Load (Kips) 133	Tension Strength (Kips) 338	Tension Design Factor 2.53 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280

FAX: 801-359-3940

Date: September 5,2003 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11700 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



Michael O. Leavitt Governor Robert L. Morgan Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY www.nr.utah.gov

October 14, 2003

Pannonian Energy, Inc. 14 Inverness Dr. East, Ste. H-236 Englewood, CO 80112

Re: Gate Canyon 41-20-11-15 Well, 581' FNL, 646' FEL, NE NE, Sec. 20, T. 11 South,

R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32475.

Sincerely,

John R. Baza
Associate Director

pab Enclosures

cc:

Duchesne County Assessor

SITLA



Operator:		Pannonian Energy, Inc.				
Well Name & Number_		Gate Canyon 41-20-11-15				
API Number:		43-013-32475				
Lease:		ML 90001-OBA				
Location: <u>NE NE</u>	Sec. 20	T. 11 South	R. <u>15 East</u>			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. Surface casing shall be cemented to the surface.

Page 2 Conditions of Approval API #43-013-32475 October 14, 2003

- 7. Cement volume for the 4.5" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to ± 3100 ' MD as indicated in the submitted drilling plan.
- 8. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 9. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32475

Well Name: Gate Canyon #41-20-11-15
Location: 581' FNL and 646' FEL, NE NE, Sec. 20, T11S - R15E, Duchesne, County
Company Permit Issued to: GASCO Energy, Inc./Pannonian Energy, Inc.
Date Original Permit Issued: 10/14/2003
Theundersigned as owner with legal rights to drill on the property as permitted
above, hereby verifies that the information as submitted in the previously
approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be
verified.
f location on private land, has the ownership changed, if so, has the surface
agreement been updated? Yes No X
Have any wells been drilled in the vicinity of the proposed well which would affect
he spacing or siting requirements for this location? Yes No X
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes \square No \square
permitting of operation of this proposed well: 163 163
lave there been any changes to the access route including ownership, or right-
of-way, which could affect the proposed location? Yes L No X
Has the approved source of water for drilling changed? Yes ☐ No ☒
las the approved source of water for drining changed:
lave there been any physical changes to the surface location or access route
which would require a change in plans from what was discussed at the onsite
evaluation? Yes No X
s bonding still in place, which covers this proposed well? Yes X No
+ 0 1 \ \ \ \ RECEIVED
February 11, 2004
Lisa-Smith - Permitco Inc. Date FEB 1 3 2004
DIV. OF OIL, GAS & MININ
Title Consultant for GASCO Energy, Inc./Pannonian Energy, Inc.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS AND MINING

6.	Lease Designation and Serial Number

		ML-90001-OBA
SUNDRY NOTICES AND REPORT		7. Indian Allottee or Tribe Name N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or		8. Unit or Communitization Agreement
Use APPLICATION FOR PERMIT for such p	oroposais	N/A ·
1. Type of Well		9. Well Name and Number
Oil Well Gas Well Other (specify)		Gate Canyon #41-20-11-15
Name of Operator		10. API Well Number
GASCO Energy, Inc./Pannonian Energy, Inc.		43-013-32475
Address of Operator	4. Telephone Number	11. Field and Pool, or Wildcat
14 Inverness Drive East, Suite #H236, Englewood, CO 80112	303/483-0044	Wildcat
5. Location of Well	000/400 0044	T T T T T T T T T T T T T T T T T T T
Footage : 581' FNL and 646' FEL	County	: Duchesne
QQ, Sec, T., R., M. : NE NE Section 20, T11S - R15E	State	: Utah
12. CHECK APPROPRIATE BOXES TO INC	ICATE NATURE OF NOTICE REP	ORT OR OTHER DATA
NOTICE OF INTENT		UENT REPORT
(Submit in Duplicate)		riginal Form Only)
Abandonment New Construction	Abandonment *	New Construction
Casing Repair Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans Recompletion	Change of Plans	Shoot or Acidize
Conversion to Injection Shoot or Acidize	Conversion to Injection	Vent or Flare
Fracture Treat Vent or Flare	Fracture Treat	Water Shut-Off
Multiple Completion Water Shut-Off	Other	
X Other Request 1 year extension of APD	Date of Work Completion	
Approximate Date Work Will Start	Bate of Work Gompletion	
Approximate Date Work Will Start	Report results of Multiple Completions and Re	
	on WELL COMPLETION OR RECOMPLETIO * Must be accompanied by a cement ve	
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertine		
locations and measured and true vertical depths for all markers and zones pertinen		many united, give substitute
Gasco Energy, Inc./Pannonian Energy, Inc. requests a one		
dasco Energy, mest annoman Energy, mo. requests a on	b your extension of the oubject At B.	
harman A manual by	the second	
Approved by Utah Division	uio :	
Utan Division		Company of the company of the contract of the
Oil, Gas and M	ming A	1
Pata: 973-778-1	\bigcirc H \cap $oxedsymbol{igsigma}$ copys	ENT TO OPERATOR
Date: OSCO	Date:	3-11-04
By:	Initials	UIJI)
	1	
\sim	Note and approximately	rite and the second second contraction of the second secon
14. I hereby certify that the foregoing is true and correct.	Consultan	t for
July 1 M. MA	GASCO Energy Inc /Pann	
Name & Signature WW WMW	Title GASCO Energy, Inc./Panil	onian Energy, Inc. Date 03/05/04
(State Use Only)		
		have been these to make to the real shoot

MAR 0 8 2004



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name: API number: Location: Company that filed original application: Date original permit was issued: Company that permit was issued to: Check one Desired Action: Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.
Company that filed original application: Date original permit was issued: Company that permit was issued to: Desired Action: Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Company that filed original application: Date original permit was issued: Company that permit was issued to: Desired Action: Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Date original permit was issued: Company that permit was issued to: Desired Action: Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Check one Desired Action: Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Transfer pending (unapproved) Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
owner of the application accepts and agrees to the information and procedures as stated in the application. Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Transfer approved Application for Permit to Drill to new operator The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a chacklist of same items related to the application, which should be verified.
Following is a chacklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed? $\sqrt{\triangle}$
If so, has the surface agreement been updated?
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?
Have there been any changes to the access route including ownership or right-of-way, which could affect the
proposed location?
Has the approved source of water for drilling changed?
Have there been any physical changes to the surface location or access route which will require a change in
plans from what was discussed at the onsite evaluation?

Permit to Drill.

(3/2004)

STATE OF UTAH

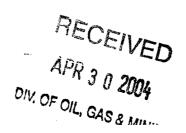
DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1 TYPE OF WELL	8. WELL NAME and NUMBER:
OIL WELL GAS WELL OTHER	see attached list
2. NAME OF OPERATOR:	9. API NUMBER:
Gasco Production Company N2575	
3. ADDRESS OF OPERATOR: 114 Inverness Dr. East City Englewood STATE CO 2IP 80112 PHONE NUMBER: (303) 483-004	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	
FOOTAGES AT SURFACE:	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, F	REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT	——————————————————————————————————————
	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	other: name change
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORM	MATION
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths	, volumes, etc.
Pannonian Energy, Inc. changed its name to Gasco Production Company effective Fe	bruary 24, 2004
N1815	
BLM Bond = UT/233 SITLA Bond = 4127764	
SITLA Bond = 4127764	
	RECEIVED
	APR 2 2 2004

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Mark J. Choupy	TITLE Land Manager	 :
SIGNATURE / WOUTY	DATE 4/20/04	

(This space for State use only)

API#	LOCATION	COUNTY	Status
43-047-34111	**************************************		P
43-047-34202			P
43-047-34607			P
43-047-34201			P
43-047-31824			P
43-013-32391			DRL
43-013-32447			DRL
43-047-31818			TA
43-047-31026			TA
43-047-34199			P
43-047-35343			APD
			APD
			APD
43-047-35404			APD
43-047-34924			APD
43-047-35588			NEW
			S
43-047-34813			APD
			NEW
			APD
	43-047-34111 43-047-34202 43-047-34607 43-047-34201 43-047-31824 43-013-32391 43-013-32447 43-047-31818 43-047-31026 43-047-34199 43-047-345343 43-013-32475 43-047-34608 43-047-35404 43-047-35588 43-047-35588 43-047-35588	43-047-34111 NESW, Sec. 29, T9S, R19E 43-047-34202 SENE, Sec. 29, T9S, R19E 43-047-34607 SENW, Sec. 22, T9S, R19E 43-047-34201 SWNE, Sec. 31, T9S, R19E 43-047-31824 SWNE, Sec. 2, T11S, R19E 43-013-32391 NWNE, Sec. 21, T11S, R15E 43-013-32447 SWNW, Sec. 32, T10S, R17E 43-047-31818 SESW, Sec. 5, T11S, R20E 43-047-31026 NESW, Sec. 10, T11S, R20E 43-047-34199 NESW, Sec. 21, T9S, R19E 43-047-35343 NESE, Sec. 30, T9S,R19E 43-047-34608 NWNW, Sec. 21, T9S,R19E 43-047-35404 NWNW, Sec. 21, T9S,R19E 43-047-3588 SESW, Sec. 30, T10S,R18E 43-047-34924 SENW, Sec. 30, T10S,R18E 43-047-3588 SESW, Sec. 16, T9S, R19E 43-047-35606 NWNW, Sec. 21, T9S, R19E 43-047-35606 NWNE, Sec. 31, T9S, R19E 43-047-35624 NENE, Sec. 31, T9S, R19E	43-047-34111 NESW, Sec. 29, T9S, R19E Uintah 43-047-34202 SENE, Sec. 29, T9S, R19E Ulntah 43-047-34607 SENW, Sec. 22, T9S, R19E Uintah 43-047-34201 SWNE, Sec. 31, T9S, R19E Uintah 43-047-31824 SWNE, Sec. 2, T11S, R19E Uintah 43-013-32391 NWNE, Sec. 21, T11S, R15E Duchesne 43-013-32447 SWNW, Sec. 32, T10S, R17E Duchesne 43-047-31818 SESW, Sec. 5, T11S, R20E Uintah 43-047-31026 NESW, Sec. 10, T11S, R20E Uintah 43-047-34199 NESW, Sec. 21, T9S, R19E Uintah 43-047-35343 NESE, Sec. 30, T9S,R19E Uintah 43-047-34608 NWNW, Sec. 21, T9S,R19E Uintah 43-047-34608 NWNW, Sec. 21, T9S,R19E Uintah 43-047-34608 NWNW, Sec. 22, T9S,R19E Uintah 43-047-34608 NWNW, Sec. 30, T10S,R18E Uintah 43-047-34608 NWNW, Sec. 30, T10S,R19E Uintah 43-047-34608 SESW, Sec. 30, T10S,R19E Uintah 43-047-34608 SESW, Sec. 31, T9S, R19E



Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

006

Change of Operator (Well Sold)

ROUTING
1. GLH
2. CDW
3. FILE

Designation of Agent/Operator

Merger

X Operator Name Change

The operator of the well(s) listed below has	changed,	effectiv	/e:	appear on the second	distribution of	<u>2</u>	/24/2004	e eregen i	Tarana ang kalangan	
FROM: (Old Operator):	•			TO: (New C	perat	or):				
N1815-Pannonian Energy, Inc.				N2575-Gasco Production Company						
114 Inverness Dr E				114 In	verne	ss Dr E				
Englewood, CO 80112				Engley	wood,	CO 80	112			
Phone: 1-(303) 483-0044				Phone: 1-(303	1 483	-0044				
	No.			Unit:	7.403	-0077	·-· · · · · · · · · · · · · · · · · · ·		<u></u>	-
	110.			Unit:			· · · · · · · · · · · · · · · · · · ·			_
WELL(S)	lone		DNG	LDE NO	Ivan	CONTROL Z	T TO A OVE	TAX (TOT I	XX/DI I	_
NAME	SEC	TWN	RNG	API NO			LEASE		WELL	
CATE CVDI 21 21 11 15		1100	1500	4201222201	NO	13787	TYPE	TYPE GW	STATUS DRL	_
GATE CYN 31-21-11-15	21			4301332391	1	13/8/	State	GW	APD	
GATE CYN 41-20-11-15	32			4301332475	+>	14033		GW	DRL	_
WILKIN RIDGE STATE 12-32-10-17 STATE 24-16-9-19	16	090S		4301332447 4304735588	1	14033	State State	GW	NEW	_
STATE 24-10-9-19	10	0903	INC	4304/33388	+		Siale	10 W	INE W	-
FED 23-21-9-19	21	2000	190E	4304734199	1	13601	Federal	GW	P	-
FED 11-21-9-19	21			4304734608	╁	13001	Federal	GW GW	APD	-
FED 42-21-9-19	21			4304735405	+		Federal	GW	APD	_
FEDERAL 31-21-9-19	21	090S		4304735606	\top		Federal	GW	APD	_
LYTHAM FED 22-22-9-19	22	090S		4304734607	17	13640	Federal	GW	P	_
FED 11-22-9-19	22	090S	190E	4304735404	- 		Federal	GW	APD	_
FEDERAL 23-29 #1	29		190E	4304734111	17	13441	Federal	GW	P	_
FED 42-29-9-19	29		190E	4304734202	1		Federal	GW	P	
FEDERAL 43-30-9-19	30	090S	190E	4304735343	1		Federal	GW	APD	
FED 32-31-9-19	31	090S	190E	4304734201	1/	13641	Federal	GW	P	_
FEDERAL 24-31-9-19	31	090S	190E	4304735623	Ť		Federal	GW	NEW	
FEDERAL 41-31-9-19	31	090S	190E	4304735624			Federal	GW	APD	
FEDERAL 21-6-10-19	06	100S	190E	4304734813			Federal	GW	LA	
FED 22-30-10-18	30	100S	180E	4304734924			Federal	GW	APD	
LAFKAS FED 1-3	03	110S	200E	4304731178	V	1367	Federal	GW	S	
WILLOW CREEK UNIT 2	05	110S	200E	4304731818	Z		Federal	GW	TA	
HILL FEDERAL 1-10	10	110S	200E	4304731026	V	1368	Federal	GW	TA	

OPERATOR CHANGES DOCUMENTATION

Enter	date	after	each	listed	item	is a	completed	ł

1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 4/22/2004

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 4/22/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on:

4/21/2004

4. Is the new operator registered in the State of Utah:

YES Business Number:

5. If NO, the operator was contacted contacted on:

*** 4/21/2004

6.	(R649-9-2) Waste Management Plan has been received on:	IN PLACE		
7.	Federal and Indian Lease Wells: The BLM and or the or operator change for all wells listed on Federal or Indian leases		ed the merger, nar BLM in process	
8.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for the successor of unit operator	or wells listed on:	in process	
9.	Federal and Indian Communization Agreements (The BLM or BIA has approved the operator for all wells listed	•	n/a	- -
10	. Underground Injection Control ("UIC") The I Inject, for the enhanced/secondary recovery unit/project for the v		ed UIC Form 5, Tran s) listed on:	sfer of Authority to N/A
$\overline{\mathbf{D}}$	ATA ENTRY:			
1.	Changes entered in the Oil and Gas Database on:	4/29/2004		
2.	Changes have been entered on the Monthly Operator Change S	Spread Sheet on:	4/29/2004	-
3.	Bond information entered in RBDMS on:	N/A		
4.	Fee wells attached to bond in RBDMS on:	N/A		
5.	Injection Projects to new operator in RBDMS on:	n/a		
6.	Receipt of Acceptance of Drilling Procedures for APD/New on:	.4	2/22/2004	
Sī	TATE WELL(S) BOND VERIFICATION:			
1.	State well(s) covered by Bond Number:	4127764		
FI	DERAL WELL(S) BOND VERIFICATION:			
1.	Federal well(s) covered by Bond Number:	4127759		
IN	DIAN WELL(S) BOND VERIFICATION:			
1.	Indian well(s) covered by Bond Number:	4127765		
FI	E WELL(S) BOND VERIFICATION:			
1.	(R649-3-1) The NEW operator of any fee well(s) listed covered by	by Bond Number	n/a	<u>.</u>
2.	The FORMER operator has requested a release of liability from the	heir bond on:	N/A	
	The Division sent response by letter on:	<u>N/A</u>		
L	EASE INTEREST OWNER NOTIFICATION:			
3.	(R649-2-10) The FORMER operator of the fee wells has been confidence of their responsibility to notify all interest owners of this change of		d by a letter from the N/A	Division
CC	MMENTS:			
Th	is is a corporate name change within the same corporation a	nd it's subsidiarie	s	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	ompany:	GASCO	<u>PRODU</u>	CTION C	COMPANY	
Well Name:	<u> </u>	GATE C	YN 41-2	0-11-15		
Api No <u>:</u>	43-013-32	475	_Lease	Туре:	STATE	<u>.</u>
Section_20	_Township_	11S Range	15E	_County_	DUCHESNE	
Drilling Cor	ntractor	NABORS		RI	G# <u>611</u>	
SPUDDE	ED:					
	Date	11/17/2004				
	Time	1:00 PM				
	How	ROTARY				
Drilling w	ill comme	nce:				
Reported by	7	CRAIG OV	ERMIL	LER		
Telephone #	<u> </u>	1-435-828-5	751			
Date1	1/18/2004	Signe	d	CHD		

43047351410000 43047351410000 43047351450000 43047351450000 43047353500000 43047353570000 43047349530000 43047349550000 43047349550000 43047349550000 43047349550000 43007309450000 643007309450000 643007309330000 43007309330000 43047341690000 43047341690000 43047341690000 43047341990000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047346080000 43047354050000 43047354050000	API
HILL CREEK NORTH HILL C	Lease Name HILL CREEK NORTH PRICKLY PEAR UNIT FEDERAL
4-10-15-20 2-10-15-20 10-10-15-20 14-11-15-20 6-11-15-20 9-11-15-20 9-11-15-20 11-12-15-20 11-12-15-20 2-14-15-20 2-14-15-20 5-16 7-16 11-16 13-16 16-15 14-16-15-21 18-3 41-20-11-15 21-2 23-21-9-19 31-21-11-15 21-2 23-21-9-19 11-21-9-19 11-22-9-19 11-22-9-19 2-8-27 27-3	Well Num 4-1-15-20 10-4
10 15S 20E C NW NW 10 15S 20E C NW NW 10 15S 20E NE 11 15S 20E NE 11 15S 20E NE SE NW 11 15S 20E NE SE NW 12 15S 20E SE NW 12 15S 20E SE NW SE SW 12 15S 20E SE NW SE SW 12 15S 20E SE NW SE NE 13 15S 20E SE NW SE NE 13 15S 20E NE NW NE 16 12S 15E NE SW NW 16 12S 15E NE SW NW 16 12S 15E SE NE SW NW 16 12S 15E SE NW SW NE 16 12S 15E SE SE SW SW 16 12S 15E SE SW SW SE 16 12S 15E SE SW SW SE 16 12S 15E SE SW SW SE 16 12S 15E SE NW NE 16 12S 15E SE NW NE 20 9S 19E SE SE SW 20 9S 19E SE SE SW 21 11S 15E NE SE NW NW 21 11S 15E NE NE NE NW 21 9S 19E NE NE NE NE 21 9S 19E NW NW NW 21 9S 19E NW NW NW 21 9S 19E NW SE NW 22 9S 19E NW NW NW 27 12S 15E NW SE NW 27 12S 15E SE NW SE NW	Location 1 15S 20E NW 10 12S 14E SE SE SE
UNNAMED WILDCAT UNNAMED WILDCAT UNNAMED UNNAMED UNNAMED UNNAMED UNNAMED WILDCAT STONE CABIN WILDCAT UNNAMED PRICKLY PEAR PRICKLY PEAR PRICKLY PEAR PRICKLY PEAR NINE MILE CANYON GREATER ANETH GREATER ANETH WILDCAT W	Field Name WILDCAT STONE CABIN

* NO COMPLETION REPORT

009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING





Operator:

Gasco Production Company

Operator Account Number: <u>N 2575</u>

Address:

14 Inverness Drive E., Suite H-236

city Englewood

zip 80112 state CO

Phone Number: (303) 483-0044

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
013-32475	Gate Canyon 41-20-11-15		NENE	NENE 20		15E	Duchesne
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	10.600	tity Assignment Effective Date
A	99999	14417	1.	1/18/200)4	Iz	16/04

Comments:

New Drill

CSLGT

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
047-35588	State 24-16-9-19		SESW 16 9S		98	19E	Uintah
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		tity Assignment Effective Date
A	99999	14418	1	0/26/20	04	12	2/6/04

Comments: New Drill CSLGT

CONFIDENTIAL

Well 3

API Number	Well	QQ	Sec	Twp	Rng	County	
047-35624	Federal 41-31-9-19	NENE	31	98	19E	Uintah	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ity Assignment ffective Date
A	99999	14419	1	1/20/20	04	j	2/4/04
Comments:							

Comments:

New Drill

CSLGT

CONFIDENTIAL

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Mari A. Johnson

Name (Please Print)

Signature

Manager-Property Admin

Title



CONFIDENTIAL

MAR 0 1 2005

DIV. OF OIL, GAS & MINING

Division of Oil, Gas & Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801

Attn: Carol Daniels

February 24, 2005

Dear Ms Daniels:

Gasco Production Company (Pannonian Energy) will soon be drilling the Gate Canyon State 41-20-11-15, NENE 20-11S-15E, Duchesne County, Utah. The API Number for this well is 43-047-32475.

Gasco wishes to keep all information on this well CONFIDENTIAL for as long a period as possible.

Yours truly,

Robin Dean

Senior Geologist

Gasco Energy, Inc.

STATE OF UTAH

		ATURAN RESOURC	`EQ		1 OKW 9
0,39					5. LEASE DESIGNATION AND SERIAL NUMBER: ML-90001-OBA
SUNDF	Y NOTICES AND	REPORTS	ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dri drill horizonta	ill new wells, significantly deepen e al laterals. Use APPLICATION FO	xisting wells below curren R PERMIT TO DRILL form	nt bottom-hole depth n for such proposal	h, reenter plugged wells, or to s.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WEL	L GAS WELL [✓ OTHER			8. WELL NAME and NUMBER: GATE CANYON #41-20-11-15
2. NAME OF OPERATOR: GASCO ENERGY INC			JUIVIII.	IIIIIIIL	9. API NUMBER: 4301332475
3. ADDRESS OF OPERATOR: 14 INVERSNESS DRIVE E, I	HITY ENGLEWOOD	STATE CO ZIP 8		PHONE NUMBER: (303) 483-0044	10. FIELD AND POOL, OR WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 581'	FNL X 646' FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, R.	ANGE, MERIDIAN: NENE	20 11S 15I	Ē		STATE:
					UTAH
11. CHECK API	PROPRIATE BOXES	TO INDICATE	NATURE (OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	_			PE OF ACTION	
NOTICE OF INTENT		L			REPERFORATE CURRENT FORMATION
•		<u>[</u>	=		
		LICERIANO E	_		
4/20/2005		JS PLANS [=		
SUBSEQUENT REPORT		: F	=	BANDON	
(Submit Original Form Only)		_		N (STADT/DECLIME)	
Date of work completion:		_	_		
		_			OTHER:
12 DESCRIPE PROPOSED OR			=		
Recomplete Gate Canyo	n 41-20-11-15. Com	mingle production	on from Mes	saverde and vvasato	n.
Perf Lower Mesaverde 9	202-9470. Frac with	57000# RC SD	X 82000# S	SD X 20412 GAL SL	ICKWATER X 78000 GAL
YF118ST X 24000 GAL	WF118 @ 55 BPM.				
		70700# RC SD	X 62700# S	SD X 15352 GAL SL	ICKWATER X 69000 GAL
		50500# SD V 1	AEOR CAL S	SHOWMATED V 250	200 CAL VE119ST @ 20 DDM
SUNDRY NOTICES AND REPORTS ON WELLS International Content of the Content of proposals to did not exist against and operant country or the base country bottom risk stays, name (support wells, against agai					
		_			
	of all walls on oom	Hannana allamılı			described and
2 Affidavit showing location	the operator has prov	liguous oil and (vided a conv of	jas leases (the annlicat	or aniling units overi	/ing the pools.
		naca a copy of	ure applicat		an contiguous on and gas leases
(Verbal approval receive	d from D. Doucet, UE	OGM, 4/5/05)			ECIE!
					Iniliais 65
NAME (PLEASE PRINT) Anthony	W. Sharp	1	TITLE	Senior Engineer	
100	10 /1 1	1///		4/10/2005	HAR TOWNSON GONEY
SIGNATURE	47 M	my			RECEIVED
his annua for State	V ADD	ROVED B	THE S	IAIE	
ms space for State use only)				IUT	APR 2 6 2005
	ŏi	L. GAS.A	MD MIIN	11. 12 cm	
			1034		DIV. OF OIL, GAS & MINING
	t or	1 1 1 1 1 1 1 1 1	1		

1	EOG 37.5% DOMINION 37.5% GASCO 18.75% BREK 6.25% UTU-76810	EOG 37.5% DOMINION 37.5% GASCO 18.75% BREK 6.25%	1	6
	GASCO PRODUCTION COMPANY EARNED STATE OF UTAH LEASE BY DRILLING	GATE CANYON 41-20-11-15	GASCO PRODUCTION COMPANY 100%	
2		4.	2	1
Gasco Leases			GASCO Energy Company Gasco Fed 41-20-11-15 40Acre offsets (Commingled Wasatch/Mer	

Date: 19 April, 2005

Mark Choury

From:

Anne McFadden [anne@dacostacorp.com]

Sent:

Friday, April 22, 2005 3:00 PM

To:

Mark Choury

Cc:

Rick Jeffs: Susan Jeffs

Subject: RE: Gate Canyon 41-20-11-15 - Commingling of the Wasatch and Mesaverde formations

Mark,

Brek Pertoleum Inc. has no objection to the commingling of production from the Wasatch and Mesaverde formations re: Gate Canyon 41-20-11-15.

Anne McFadden Brek Petroleum Inc.

----Original Message----

From: Mark Choury [mailto:mchoury@gascoenergy.com]

Sent: Thursday, April 21, 2005 1:59 PM

To: anne@dacostacorp.com

Subject: FW: Gate Canyon 41-20-11-15 - Commingling of the Wasatch and Mesaverde formations

Anne,

Any possibility of getting an email response on this today? I've gotten the okay from Dominion and EOG.

From: Mark Choury

Sent: Wednesday, April 20, 2005 9:50 AM

To: Bob Davis (bob_davis@eogresources.com); Anne McFadden (anne@dacostacorp.com); Rick Jeffs

(rick@ieffsco.com); Rusty Waters (russell r waters@dom.com)

Subject: Gate Canyon 41-20-11-15 - Commingling of the Wasatch and Mesaverde formations

Gasco Production Company will be completing the captioned well in the next couple of days. UDOGM has requested that we provide them with a sundry notice stating that we will commingle production from the Wasatch and Mesaverde formations. As all of you are the offsetting owners, would you please acknowledge that you have no objection to the commingling by responding to this email.

I have attached a copy of the sundry notice and the lease ownership plat.

Thank you.

Mark Choury

From: Sent: To: Bob_Davis@eogresources.com Wednesday, April 20, 2005 2:50 PM

Mark Choury

Cc: Subject: anne@dacostacorp.com; rick@jeffsco.com; russell_r_waters@dom.com

Re: Gate Canyon 41-20-11-15 - Commingling of the Wasatch and Mesaverde formations



EOG Resources has no objection. RG

Bob Davis, CPL EOG Resources, Inc. 600 17th Street, Suite 1100N Denver, CO 80202 303-824-5428 303-824-5401 (fax) 303-638-2526 (cell)

"Mark Choury" <mchoury@gascoene rgy.com>

04/20/2005 09:50 AM <bob_davis@eogresources.com>,
<anne@dacostacorp.com>,
<rick@jeffsco.com>,
<russell_r_waters@dom.com>

CC

To

Subject

Gate Canyon 41-20-11-15 - Commingling of the Wasatch and Mesaverde formations

Gasco Production Company will be completing the captioned well in the next couple of days. UDOGM has requested that we provide them with a sundry notice stating that we will commingle production from the Wasatch and Mesaverde formations. As all of you are the offsetting owners, would you please acknowledge that you have no objection to the commingling by responding to this email.

I have attached a copy of the sundry notice and the lease ownership plat.

Thank you. (See attached file: SCAN1611 000.pdf)

Mark Choury

From: Sent: Russell_R_Waters@dom.com

Wednesday, April 20, 2005 1:16 PM

To:

Mark Choury

Cc:

anne@dacostacorp.com; bob_davis@eogresources.com; rick@jeffsco.com;

russell r waters@dom.com

Subject:

Re: Gate Canyon 41-20-11-15 - Commingling of the Wasatch and Mesaverde formations



Dominion has no objection.

Russell R. Waters Land Manager-Rocky Mountain Division Onshore/Western U.S.-OKC (405) 749-5282 (405) 749-6662 fax 86705282 tie line

"Mark Choury"

<mchoury@gascoene

To:

<bob davis@eogresources.com>,

<anne@dacostacorp.com>, <rick@jeffsco.com>,

rgy.com>

<russell r waters@dom.com>

cc:

04/20/2005 10:50

Subject: Gate Canyon 41-20-11-15

Commingling of the Wasatch and Mesaverde formations

AΜ

Gasco Production Company will be completing the captioned well in the next couple of days. UDOGM has requested that we provide them with a sundry notice stating that we will commingle production from the Wasatch and Mesaverde formations. As all of you are the offsetting owners, would you please acknowledge that you have no objection to the commingling by responding to this email.

I have attached a copy of the sundry notice and the lease ownership plat.

Thank you. (See attached file: SCAN1611 000.pdf)





April 22, 2005

Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84114-5801 Attention: Mr. Dustin Doucet

RE: Sundry Notice

Gate Canyon 41-20-11-15 Duchesne County, Utah

Ladies/ Gentlemen:

Enclosed, please find an executed Form 9 for the captioned well along with a plat showing ownership in the contiguous drilling units and waiver letters from each of the offset working interest owners.

Yours very truly,

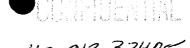
Mark J. Choury

Land Manager

RECEIVED
APR 2 6 2005

DIV. OF OIL, GAS & MINING

GASCO Energy
Drilling Report
Gate Canyon State #41-20-11-15
NWNE, Sec.20, T11S,R15E
Duchesne County, Utah



43-013-32475

Gate Canyon State 41-20-11-15

Completion

4/19/05 Ran CBL and psi tested csg to 9000 psi, ok. Hooked up FB manifold.

RU SLB (Jason) and perforated Stage 1 – Lower Mesaverde f/ 9202 – 05', 9240 – 42', 9261 – 64', 9300 – 03', 9317 – 20', 9466 – 70', 3 spf w/ 3 1/8" HiVolt guns, 21 gm Powerfrac chgs, .44 EHD, 24.9" pen. RU SLB (Red crew, Selwyn). Broke dn perfs @ 5023 psi @ 5 bpm. ISIP 3745. Calc 24 holes open/ 54. FG .84. Hybrid fraced Stage 1 w/ 101,000 # 20-40 reg white sd and 55,500# 20-40 Tempered DC sd, using 3235 bbls WF and YF 118. Flushed w/ 135 bbls. ISIP 3830. Opened well up to flowback @ 10:45 AM on 12/64" ck w/ 3650 SICP. Cleaned up wellbore. RU SLB (Jason) and start IH w/ plug and guns to perf Stage 2 – Lower Mesaverde. Stacked out @ 20' twice, and then got stuck there. Worked and flowed well to try to free. Finally came loose. POOH w/ broken FTFP. Tool was parted in middle of mandrel, with top portion of plug still intact. Got 2 pcs of comp mat in flowback line. Left well flowing for night. (SCE)

RU SLB slickline (Scott Pitt) and RIH w/ Baker sd line drill. Drilled up stuck plug @ 1' GL. Drilled up in 25 min and pushed dn hole. Had to drill and push until 3500'. Chased plug and tagged @ 9378'. POOH. Got stuck twice on the way out. RU electric line and RIH w/ junk basket. POOH and recovered handful of comp material. RIH w/ plug and guns to perf Stage 2 – Lower Mesaverde. Set FTFP #1 @ 9170'. Perf stg 2 f/ 9102 – 06', 9118 – 22', 9144 – 48', 3 spf as above. RU to frac Stg 2. Broke dn perfs @ 5243 psi @ 4.4 bpm. ISIP 3560. Calc 19 holes open/ 36. FG .82. Hybrid fraced Stage 2 w/ 62,700 # 20-40 reg white sd and 63,200# 20-40 Tempered DC sd, using 2400 bbls WF and YF 118. Flushed w/ 133.5 bbls. ISIP 3570. Opened well up to flowback @ 5:30 PM on 12/64" ck w/ 3300 SICP. (SCE) DC 15,139 (Completion) CC 15,139.

Well flowing this AM @ 850 FCP on 16/64" ck. Flowed 1002 bbls in 15 ½ hrs. TR 2092. BLWTR 3543. SWI to perforate Stage 3 – Upper Mesaverde. Set FTFP #2 @ 7870". Perfed f/ 7836 – 40", 7852" – 56", 3 spf as above. RU to frac Stg 3. Broke dn perfs @ 5000 psi. ISIP 3030. Calc 13 holes open/24. FG .82. Fraced Stage 3 w/ 48,404# 20-40 reg white sd, using 962 bbls YF 118. Flushed w/ 114.5 bbls. ISIP 3570. Opened well up to flowback @ 8:45 AM on 12/64" ck w/ 3200 SICP. Cleaned up wellbore and RIH w/ plug and guns to perf Stage 4 – Wasatch.

GASCO Energy Drilling Report Gate Canyon State #41-20-11-15 NWNE, Sec.20, T11S,R15E Duchesne County, Utah

Set FTFP #3 @ 5915'. Perforated Wasatch f/ 5884 - 89', 5893 - 98', 3 spf as above. Pumped into perfs @ 2280 psi (no break). ISIP 3020. FG

43-013-32475

.95. Calc 37 holes open / 30. Fraced Wasatch w/ 82,800 # 20-40 sd. using 1114 bbls YF 118 gel. Flushed csg w/ 86 bbls. ISIP 3205. Opened well up to flowback @ 5:30 PM on 12/64" ck w/ 3300 SICP. (SCE) DC 338,823 (Completion) CC 353,962. Well flowing this AM w/ 75 FCP on 20/64" ck. Fld 930 bbls in 20 3/4 hrs. 4/24/05 TR 3022. BLWTR 4688. Left well flowing to FB tk for weekend. Released FB crew. Spot in Temples rig. (SCE) DC 25,482 CC 379,444 Well flowing this AM w/ 40 FCP on 20/64" ck. Fld 227 in 24 hrs. TR 4/25/05 3249. BLWTR 4461. Well dead this AM. Fld 87 bbls in 24 hrs. TR 3336. BLWTR 4374. RU 4/26/05 Temples WS. ND frac tree. NU BOPE. RIH w/ 3 3/4" bit + Weatherford POBS w/ float + 1 it + XN nipple + 180 its new, 2 3/8" N-80 tbg. Tagged FTFP #3 @ 5915' (no sd). Pull up 2 its and SDFN. Left well open to tk for night – dead. (Rick w/ Premier). DC 4905 CC 384,349. RU Weatherford air foam unit (f/ Rock Springs). RU power swivel. Drill 4/27/05 up FTFP #3 @ 5915'. RIH and drill up FTFP #2 @ 7870' (no sd). RIH and drill up FTFP #1 @ 0/1100. Tbg dead this AM. Flowed and air foamed 405 bbls. TR 3741. 4/28/05 BLWTR 3969. Broached tbg to SN. Swabbed all day. Left tbg open to FB tk for night. DC 81314 CC 478,652 4/29/05 Fd 0/1600. Tbg barely whispering. Swabbed and flowed 125 bbls in 24 hrs. TR 3866. BLWTR 3844. Swabbed well in w/3 runs. Well died @ 3:00 PM. Left open to tk for night. (Rick) DC 3737 CC 482,389 Fd 0/1550. Swabbed and flowed 140 bbls in 7 hrs. TR 4006. BLWTR 4/30/05 3704. Swabbed well in w/3 runs. Left well flowing to tk for night.

037 TIIS RISE 5-20 43-013-32425

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT



CONFIDENTIAL

Well:			GAT	E CANYO	N 41- <u>20-11-</u>	15		Date:		4/2/2005	Days:		25	
Depth:		Prog:		OPR:		RDRT	T -	Formation	n:	<u> </u>				
DMC: \$	0		тмс: \$		0		TDC: \$	\$	-	cwc: \$				
Contractor:				Mud Co:			TANGIBLE			INTANGIBLE				
MW:		Liner:		Bit #:			Conductor:	\$		Rig Move:		\$	-	
VIS:		Stroke:		S/N:			Surf. Csg:	\$	-	Location:		\$	-	
PV/YP:		SPM:		Size:			Int. Csg:	\$		Rig Cost:		\$	-	
Gel:		Press:		MFG:			Prod Csg:	\$ -		ВНА:		\$	<u>.</u>	
ph:	-	GPM:	<u>-</u>	Туре:			Float Equp:	\$		Cement:		\$	-	
WL:				Jets:			Well Head:	\$	-	Mud Logger:		\$	-	
Cake:		AV:		ln:			TBG/Rods:	\$	•	Water:		\$	-	
Sand:		Dev:		Out:			Packers:	\$_		Bits / Corehea	d:	\$		
Solids:				FTG:			Tanks:	\$		Rental Tools:		\$		
Chls:				Hrs:			Separator:	\$	-	Corrosion:		\$		
Pf/Mf:				FPH:			Heater:	\$	-	Consultant:		\$	-	
LCM:				T/B/G:			Pumping L/T:	\$ -	-	Drilling Mud:		\$	_	
Ca:	<u></u>			WOB:		==	Prime Mover:	\$	-	Misc. / Labor:		\$		
Time	Break Dov	vn:		RPM:			Misc:	\$	-	Forklift:		\$	-	
START	END	TIME		вна:			Daily Total:	\$ -	-	Daily Total:		\$	-	
			RIG DOV	VN ROTAF	RY TOOLS					Cum. Wtr:		\$	-	
								_		Cum. Fuel		\$	-	
										Cum. Bits:		\$	-	
										Rot. Hrs:				
		-								TRIP GAS				
										CONN				
					· · · · · · · · · · · · · · · · · · ·					BKG GAS				





CONFIDENTIAL

DAILY DRILLING AND COMPLETION REPORT

TIS RISE 5-20 43-013-30475

Well:	cigy				ラ <i>ラ S 。</i> N 41-20-11-		<u>3-013-3</u>	Dat		4/1/2005	Davs:		24
Depth:	9565 TD	Prog:	0,	OPR:		RDRT	•	1	mation:	<u> </u>	IESAVERI	DE	
DMC: \$	0000 12	ir rog.	тмс: \$	107111	47523.13		TDC: \$		136,863		\$	-	288,586
Contractor	:	NABO	ORS	Mud Co:		ΛI	TANGIBLE			INTANGIBLE			
MW:	9.8	Liner:	6	Bit #:			Conductor:	\$	-	Rig Move:		\$	
VIS:	43	Stroke:	10	S/N:			Surf. Csg:	\$	-	Location:		\$	
PV/YP:	15/12	SPM:	110	Size:			Int. Csg:	\$	-	Rig Cost:		\$	14,000
Gel:	16/27/34	Press:		MFG:		<u> </u>	Prod Csg:	\$	95,352	вна:		\$	
ph:	9.00	GPM:	384	Туре:			Float Equp:	\$	1,792	Cement:		\$	
WL:	12.00	NV:		Jets:			Well Head:	\$	1,408	Mud Logger:		\$	
Cake:	1.00	AV:		in:			TBG/Rods:	\$	-	Water:		\$	1,440
Sand:		Dev:	3	Out:	_		Packers:	\$	-	Bits / Corehe	ad:	\$	-
Solids:	4.00			FTG:			Tanks:	\$	-	Rental Tools	:	\$	1,581
Chis:	2500			Hrs:			Separator:	\$	<u>-</u>	Corrosion:	_	\$	-
Pf/Mf:	.4/5.3			FPH:			Heater:	\$	_	Consultant:	_	\$	850
DAP:	5.1			T/B/G:			Pumping L/T:	\$	-	Drilling Mud		\$	-
Ca:	140			WOB:			Prime Mover:	\$	-	Misc. / Labor	:	\$	20,311
Time	e Break Dov	vn:		RPM:			Misc:	\$	-	Forklift:	_	\$	130
START	END	TIME		вна:			Daily Total:	\$	98,552	Daily Total:		\$	38,312
6:00	7:30	1:30	RAN AND	LANDED	220 JTS (9	535') OF 4½	2", 13.5#, P-11	0, L	T&C	Cum. Wtr:		\$	7,658
			CSG AT	9554' W/ F	C AT 9,508	', MARKER	JT AT 7502' 8	551	10'.	Cum. Fuel		\$	48,642
7:30	8:30	1:00	INSTALL	ROT. HD	RUBBER A	ND CSG. H	ANGER			Cum. Bits:		\$	106,372
8:30	9:00	0:30	RD FRAN	IK'S-WES	TATES CSC	SERVICE.				Rot. Hrs:	404		
9:00	11:00	2:00	CIRC. AN	ID COND.	HOLE								····
11:00	11:30	0:30	RU SCHL	UMBER A	AND HOLD S	SAFETY ME	ETING.						
11:30	13:30	2:00	CMT 41/2"	CSG W/	400 SX HI-L	IFT CMT W	/ ADDS @11.	5 #/0	BAL FOL	LOWED BY	1150 S	X	
			50-50 PO	Z G W/ A	DDS @ 14.4	#/GAL. DI	SP W/ 141 BB	L 29	% KCL @	6.5 BPM.	BUMPE	D P	LUG
			AT 2623#	<u>‡, 60</u> 0# O\	/ER. CIPJC	AT 13:15, 3	3/31/05.						
13:30	17:00	3:30	CLEAN M	IUD PITS									
							-	_					
	ļ		RELEASI	ED RIG A	Т 17:00, 3/3	1/2005							
		<u> </u>					***						
							-						
							-						
							-						
							.						
		<u> </u>					_	_		TRIP GAS			
										CONN			
			-							BKG GAS	_		
										21.0 0/10			

TIIS RISE S-20 43-013-32495

GASCO ENERGY



DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

73	-013-	29/2			N 41-20-11-	_		T			-	
Well:		1	e:	3/31/2005	Days:	23						
Depth:	9565 TD	Prog:	0'						nation:		SAVERDE	
DMC: \$	328	6	тмс: \$		47523.13		TDC: \$	\$	41,973	cwc: \$	\$	1,151,723
Contractor:		NABO	ORS	Mud Co:	N	Λl	TANGIBLE			INTANGIBLE		
MW:	9.8	Liner:	6	Bit #:	7		Conductor:	\$		Rig Move:	:	<u>-</u>
VIS:	43	Stroke:	10	S/N:	PB2187		Surf. Csg:	\$		Location:	• (<u>-</u>
PV/YP:	15/12	SPM:	110	Size:	7-7/8"		Int. Csg:	\$	-	Rig Cost:	;	14,000
Gel:	16/27/34	Press:	1450	MFG:	STC_		Prod Csg:	\$		ВНА:	,	<u>-</u>
ph:	9.00	GPM:	384	Туре:	Y57OD		Float Equp:	\$	-	Cement:	(<u>-</u>
WL:	12.00	NV:		Jets:	16/17/18		Well Head:	\$		Mud Logger:	9	<u> - </u>
Cake:	1.00	AV:		ln:	9357		TBG/Rods:	\$		Water:	;	1,440
Sand:		Dev:	3	Out:	9565		Packers:	\$		Bits / Corehea	d: \$	18,544
Solids:	4.00			FTG:	208		Tanks:	\$	-	Rental Tools:	,	1,581
Chls:	2500			Hrs:	34		Separator:	\$	-	Corrosion:	Ş	<u> </u>
Pf/Mf:	.4/5.3			FPH:	6.2		Heater:	\$		Consultant:		850
DAP:	5.1			T/B/G:			Pumping L/T:	\$		Drilling Mud:		3,286
Ca:	140			WOB:	38		Prime Mover:	\$	-	Misc. / Labor:		2,142
Time	Break Dov	vn:		RPM:	45/84		Misc:	\$	-	Forklift:	;	130
START	END	TIME		вна:	38K		Daily Total:	\$		Daily Total:		41,973
6:00	8:30	2:30	FINISH T	IH.						Cum. Wtr:	(7,658
8:30	10:30	2:00	CIRC. AN	ID COND	HOLE					Cum. Fuel	(48,642
10:30	11:30	1:00	RU FRAN	IKS/WES	TATES CAS	ING LAYDO	WN MACHIN	E		Cum. Bits:	(106,372
11:30	16:30	5:00	POOH LA	YING DO	WN DP.					Rot. Hrs:	40	3.5
16:30	17:30	1:00	BREAK K	ELLY								
17:30	22:00	4:30	FINISH P	OOH LAY	ING DOWN	DP AND DO	D					
22:00	23:30	1:30	RU FRAN	IKS/WES	TATES CAS	ING SERVI	CE AND MAKE	EUP I	FLOAT E	QUIPMENT		
23:30	6:00	6:30	RUNNING	3 4½" CA	SING, INCO	MPLETE						
	_											
	_											
	-											
	_		PUMP	SPM	PRESS	DEPTH						
									_			· . ·
	_				·							
										TRIP GAS		
	-									CONN	,	
BHA:										BKG GAS		
CONSULTA	NT: V.G	SUINN										
CONTOCLIA							_					

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT CONFIDENTIAL



Well:	GATE CANYON 41-20-11-15 Date:									3/30/2005	Days:	22
Depth:	9565 TD	Prog:	18'	OPR:		ation:	MES	SAVERDE				
DMC: \$	131	9	тмс: \$		44237		TDC: \$	\$	53,237	cwc: \$	\$ 1	,082,450
Contractor		NAB	DRS Mud Co: MI TANG				TANGIBLE			INTANGIBLE		
MW:	9.5	Liner:	6	Bit #:	7		Conductor:	\$	_	Rig Move:	\$	
vis:	43	Stroke:	10	S/N:	PB2187		Surf. Csg:	\$	-	Location:	\$	
PV/YP:	15/12	SPM:	110	Size:	7-7/8"		Int. Csg:	\$_	-	Rig Cost:	\$	14,000
Gel:	8/20/29	Press:	1450	MFG:	STC		Prod Csg:	\$	-	вна:	\$	300
ph:	9.00	GPM:	384	Туре:	Y57OD		Float Equp:	\$	_	Cement:	\$	
WL:	14.00	NV:		Jets:	16/17/18		Well Head:	\$	<u>-</u>	Mud Logger:	\$	775
Cake:	1.00	AV:		ln:	9357		TBG/Rods:	\$	_	Water:	\$	
Sand:		Dev:	3	Out:	9565		Packers:	\$	-	Bits / Corehead	d: \$	
Solids:	3.80			FTG:	208		Tanks:	\$_		Rental Tools:	\$	1,581
Chis:	2500			Hrs:	34		Separator:	\$_	<u> </u>	Corrosion:	\$	
Pf/Mf:	.3/5.4			FPH:	6.2		Heater:	\$	-	Consultant:	\$	850
DAP:	5.0			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	1,319
Ca:	120			w oв:	38		Prime Mover:	\$_		Misc. / Labor:	\$	34,282
Tìm	e Break Dov	wn:		RPM:	45/84		Misc:	\$	-	Forklift:	\$	130
START	END	TIME		вна:	38K		Daily Total:	\$	-	Daily Total:	\$	53,237
6:00	9:00	3:00	DRLG 95	47' - 956	55 (18 FT, 6.0) FPH).				Cum. Wtr:	\$	6,218
9:00	10:30	1:30	CIRC. AN	ND CONE). HOLE					Cum. Fuel	\$	48,642
10:30	11:30	1:00	PUMPEC	PILL &	SHORT TRIP	5 STDS.				Cum. Bits:	\$	87,828
11:30	14:30	3:00	CIRC. AN	1D CONE), HOLE					Rot. Hrs:	403	3.5
14:30	19:00	4:30	POOH FO	OR OPE	N HOLE LOG	SS						
19:00	20:00	1:00	LD MM, D	OS, AND	IBS							
20:00	3:30	7:30	RU SCHI	LUMBER	GER AND R	UN OPEN H	OLE LOGS:					
			PLATFO	RM EXP	RESS W/ BH	C SONIC FF	ROM 9575', LT	D TO	BASE	SURFACE		
			CSG AT	2924'.								
3:30	4:30	1:00	RD WIRE	ELINE TO	OLS.							
4:30	6:00	1:30	TIH AFTE	ER LOGS	3			_				
						<u></u>						
								_				
			PUMP	SPM	PRESS	DEPTH						
			Nº2	69	650	9565						
UP = 210	,000 LBS.	DOWN =	= 185,000	LBS. RC	OTATING = 1	98,000 LBS.				TRIP GAS		
										CONN		120
 BHA:	BIT, DS, M	M, IBS,	18- 6-3/8"	DC'S. T	OTAL LENG	TH = 596FT	·			BKG GAS	{	80-100

TIIS RISE 5-20 43-013-32425

GASCO ENERGY



CONFIDENTIAL

	-0/3	<u> </u>			_						- 1 1 1 1 1 may	<i>c</i> :
Well:				E CANYO	N 41-20-11-			Date		3/29/2005	Days:	21
Depth:	9547'	Prog:	157'	OPR:		DRILLING			mation:		SAVERDE	
DMC: \$	179		тмс: \$	11	42918		TDC: \$	\$	29,693	cwc: \$	\$	1,029,21
Contractor:		NAB	ORS	Mud Co:		/11	TANGIBLE			INTANGIBLE		
MW:	9.5	Liner:	6	Bit #:	7		Conductor:	\$	-	Rig Move:	\$	-
VIS:	43	Stroke:	10	S/N:	PB2187		Surf. Csg:	\$	-	Location:	\$	
PV/YP:	15/12	SPM:	110	Size:	7-7/8"		Int. Csg:	\$	-	Rig Cost:	\$	12,700
Gel:	8/20/29	Press:	1450	MFG:	STC		Prod Csg:	\$	-	BHA:	\$	2,400
ph:	9.00	GPM:	384	Туре:	Y57OD		Float Equp:	\$	-	Cement:	\$	-
WL:	14.00	NV:		Jets:	16/17/18		Well Head:	\$	-	Mud Logger:	\$	77
Cake:	1.00	AV:		In:	9357		TBG/Rods:	\$	-	Water:	\$	
Sand:		Dev:	3	Out:			Packers:	\$	-	Bits / Corehead	d: \$	-
Solids:	3.80			FTG:	190		Tanks:	\$	-	Rental Tools:	\$	1,58
Chls:	2500			Hrs:	31		Separator:	\$	-	Corrosion:	\$	9
Pf/Mf:	.3/5.4			FPH:	6.2		Heater:	\$	-	Consultant:	\$	85
DAP:	5.0			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	1,79
Ca:	120			WOB:	38		Prime Mover:	\$	-	Misc. / Labor:	\$	9,37
Time	Break Do	wn:		RPM:	45/84		Misc:	\$	-	Forklift:	\$	130
START	END	TIME]	вна:	38K		Daily Total:	\$	-	Daily Total:	\$	29,69
6:00	6:00	24	DRLG 93	90' - 9547	(157 FT, 6.5	FPH).	-			Cum. Wtr:	\$	6,21
										Cum. Fuel	\$	48,64
										Cum. Bits:	\$	87,82
										Rot. Hrs:	40	0.5
			,									
												
				·								
				•								
	·				. <u></u>							
		<u> </u>		.			<u> </u>					
												
-												· · · · · · · · · · · · · · · · · · ·
-			DUMP	ep.	DDESS	DEDTU		-				
			PUMP	SPM		DEPTH 0276						
			Nº2	69	650	9376						
ID = 240 (000189	DOM/M -	185 000	IRS PO	TATING = 19	38 000 1 89				TRIP GAS		
DF - 210,1	UUU LDS.	DOMN -	- 100,000	LDO. RU	<u> </u>	70,000 LDS.				CONN		120
 BHA:	RIT DS M	M IRS	18. 6-3/8"	DC'S TO	TAL LENGT	H = 506FT	,			BKG GAS		80-100
ONSULTAI		BUINN	10-0-3/0	DO 0. 10	IVE FEING!	11 - 03011				<u> </u>		JU-100

TIIS RISES-20 43-013-32425

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT



Well:			GATI	E CANYO	N 41-2 <mark>0-11</mark> -	Date	:	3/28/2005	Days:	20		
Depth:	9390'	Prog:	12'	OPR:		Form	ation:	MES	SAVERDE			
DMC: \$	435	5	тмс: \$		41128		TDC: \$	\$	27,466	cwc: \$	\$	999,520
Contractor:		NAB	ORS _	Mud Co:		ΜI	TANGIBLE			INTANGIBLE		
MW:	9.7	Liner:	6	Bit #:	6	7	Conductor:	\$	_	Rig Move:	\$	-
VIS:	42	Stroke:	10	S/N:	PB2590	PB2187	Surf. Csg:	\$	-	Location:	\$	_
PV/YP:	16/14	SPM:	110	Size:	7-7/8"	7-7/8"	int. Csg:	\$		Rig Cost:	\$	12,700
Gel:	8/22/36	Press:	1440	MFG:	STC	STC	Prod Csg:	\$	_	вна:	\$	2,400
ph:	9.00	GPM:	384	Туре:	Y57OD	Y57OD	Float Equp:	\$	_	Cement:	\$	<u>-</u> _
WL:	14.00	NV:		Jets:	1-20,2-24	16/17/18	Well Head:	\$	-	Mud Logger:	\$	775
Cake:	1.00	AV:		ln:	9183	9357	TBG/Rods:	\$	-	Water:	\$	
Sand:		Dev:	3	Out:	9388		Packers:	\$	-	Bits / Corehead	d: \$	8,500
Solids:	4.00			FTG:	205	33	Tanks:	\$	-	Rental Tools:	\$	1,58
Chis:	3000			Hrs:	51	7	Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:	.3/5.1			FPH:	4.1	5.1	Heater:	\$	-	Consultant:	\$	850
DAP:	5.4			T/B/G:			Pumping L/T:	\$		Drilling Mud:	\$	435
Ca:	140			w ов:	40	40	Prime Mover:	\$	-	Misc. / Labor:	\$	-
Time	Break Dov	vn:		RPM:	45/48	45/84	Misc:	\$	-	Forklift:	\$	130
START	END	TIME		вна:	38K	38K	Daily Total:	\$	-	Daily Total:	\$	27,466
6:00	8:30	2:30	DRLG 93	78' - 9388	3 (10 FT, 4.0	FPH).				Cum. Wtr:	\$	6,218
8:30	9:30	1:00	MIXED P	ILL						Cum. Fuel	\$	39,270
9:30	13:30	4:00	PUMPED	PILL & F	OOH FOR I	BIT #7.				Cum. Bits:	\$	87,828
13:30	16:00	2:30	CHANGE	OUT BIT	AND MM.	PU 1 DC.				Rot. Hrs:	37	6.5
16:00	17:00	1:00	TIH TO 2	941'.								
17:00	19:00	2:00	SLIP AND	O CUT DE	RLG LINE							
19:00	23:30	4:30	TIH WAS	HING 60	TO BTM.	ORR HOLE	DEPTH 31.06	<u>3'.</u>				
23:30	6:00	6:30	DRLG 93	57' - 9390) (33 FT, 5.0	FPH).						
										·		
			<u></u>									
							···					
			PUMP	SPM	PRESS	DEPTH						
			Nº2	69	650	9376						
UP = 205,	000 LBS.	DOWN =	= 185,000	LBS. RC	TATING = 1	95,000 LBS				TRIP GAS		
							118.88.010		_	CONN		120
BHA:	BIT DS M	M IBS	18- 6-3/8"	DC'S. TO	OTAL LENG	TH = 596F1	<u>. </u>			BKG GAS		80-100

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

TIIS PISE S-20 3/27/2005 Days: 19 Well: **GATE CANYON 41-20-11-15** Date: **DRILLING MESAVERDE** 125' OPR: Formation: Depth: 9378' Prog: TDC: \$ CWC: \$ DMC: \$ 1791 TMC: \$ 40691 20,322 \$ 972,054 **NABORS** Mud Co: MI **TANGIBLE** INTANGIBLE Contractor: \$ \$ 6 Bit #: 6 Conductor: Rig Move: MW: Liner: 9.5 Location: \$ \$ VIS: Stroke: 10 S/N: PB2590 Surf. Csg: 41 \$ 12,700 \$ PV/YP: SPM: 112 Size: 7-7/8" Int. Csg: Rig Cost: 14/13 STC \$ BHA: \$ 2,400 Gel: 8/22/36 Press: 1350 MFG: Prod Csg: \$ \$ Cement: GPM: 391 Y57OD Float Equp: ph: 9.00 Type: \$ \$ 775 Mud Logger: WL: NV: Jets: 1-20,2-24 Well Head: 14.00 \$ Water: \$ AV: 9183 TBG/Rods: In: Cake: 1.00 \$ \$ Bits / Corehead: Dev: 3 Out: Packers: Sand: \$ \$ 1,581 195 Rental Tools: FTG: Tanks: Solids: 3.00 \$ 95 \$ Corrosion: Chls: 2500 Hrs: 48 Separator: \$ \$ 850 FPH: 4.1 Heater: Consultant: Pf/Mf: .5/5.7 \$ **Drilling Mud:** \$ 1,791 T/B/G: Pumping L/T: LCM: 5.4 WOB: 40 Prime Mover: \$ Misc. / Labor: \$ 140 Ca: \$ \$ 130 Forklift: Time Break Down: Misc: RPM: 45 20,322 **START END** TIME BHA: 40K Daily Total: \$ Daily Total: \$ 6,218 \$ DRLG 9253' - 9378 (125 FT, 5.2 FPH) Cum. Wtr: 6:00 6:00 24 Cum. Fuel \$ 39,270 \$ 79,328 Cum. Bits: 367.5 Rot. Hrs: **PUMP DEPTH** SPM **PRESS** Nº2 70 620 9317 DOWN = 180,000 LBS. ROTATING = 192,000 LBS. TRIP GAS UP = 200,000 LBS. 300-500 CONN 100-200 **BKG GAS** BIT, DS, MM, IBS, 17-6-3/8" DC'S. TOTAL LENGTH = 596FT. BHA: CONSULTANT: **V GUINN**

TIB RISE S-20 43-013-32495

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT



75	0[3- 3	3475	,			***		_				
Well:			GATI	E CANYO	N 41-20-11-	15		Dat	e:	3/26/2005 [Days:	18
Depth:	9253'	Prog:	70'	OPR:		DRILLING	3	For	mation:	MES	SAVERDE	
DMC: \$	236	3	тмс: \$		38900		TDC: \$	\$	30,778	cwc: \$	\$	951,732
Contractor:		NAB	ORS	Mud Co:	Ŋ	ЛІ	TANGIBLE			INTANGIBLE		
MW:	9.3	Liner:	6	Bit #:	6		Conductor:	\$	-	Rig Move:	\$	_
VIS:	40	Stroke:	10	S/N:	PB2590		Surf. Csg:	\$	-	Location:	\$	-
PV/YP:	12/14	SPM:	112	Size:	7-7/8"		Int. Csg:	\$_	-	Rig Cost:	\$	12,700
Gel:	8/22/36	Press:	1310	MFG:	STC		Prod Csg:	\$	-	ВНА:	\$	2,350
ph:	9.00	GPM:	391	Туре:	Y57OD		Float Equp:	\$	-	Cement:	\$	
WL:	12.80	NV:		Jets:	1-20,2-24		Well Head:	\$	686	Mud Logger:	\$	775
Cake:	1.00	AV:		ln:	9183		TBG/Rods:	\$		Water:	\$	-
Sand:		Dev:	3	Out:	9253		Packers:	\$		Bits / Corehead	i: \$	-
Solids:	4.00			FTG:	70		Tanks:	\$		Rental Tools:	\$	1,581
Chis:	2500			Hrs:	24		Separator:	\$	_	Corrosion:	\$	95
Pf/Mf:	.4/4.9			FPH:	3.0		Heater:	\$	_	Consultant:	\$	850
LCM:	5.4			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	2,363
Ca:	120			w ов:	35-40		Prime Mover:	\$	_	Misc. / Labor:	\$	9,248
Time	Break Dov	vn:		RPM:	40		Misc:	\$	-	Forklift:	\$	130
START	END	TIME		вна:	40K		Daily Total:	\$	686	Daily Total:	\$	30,092
6:00	22:30	16:30	DRLG 91	83' - 9221	(38 FT, 2.3	FPH).	1011			Cum. Wtr:	\$	6,218
22:30	0:00	1:30	RIG SER	VICE, FU	NCT. TEST	BOT, HCR,	CROWNOMA	TIC		Cum. Fuel	\$	39,270
0:00	6:00	6:00	DRLG 92	21' - 9253	(32 FT, 5.3	FPH).			_	Cum. Bits:	\$	79,328
										Rot. Hrs:	34	3.5
		_										
			_									
												
											_	
			PUMP	SPM	PRESS	DEPTH						
			Nº1	67	550	9221						
UP = 195.	000 LBS.	DOWN =	= 185,000	LBS. ROT	TATING = 1	90,000 LBS.				TRIP GAS		
· · · · · · · · · · · · · · · · · · ·										CONN	2	200-300
BHA:	BIT, DS, M	M, IBS,	17- 6-3/8"	DC'S. TO	TAL LENG	TH = 596FT	•			BKG GAS		00-200
CONSULTAI		SUINN										

TIIS RISE S-20 43-013-32475

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

3/25/2005 Days: **GATE CANYON 41-20-11-15** Date: 17 Well: Prog: 9183' 21' OPR: DRILLING Formation: **MESAVERDE** Depth: 36537 TDC: \$ cwc: \$ DMC: \$ TMC: \$ 40,026 920.954 2340 **NABORS TANGIBLE** INTANGIBLE Mud Co: MΙ Contractor: 6 Bit #: 5 6 \$ \$ MW: Conductor: Rig Move: 9.3 Liner: \$ 10 S/N: 111485 PB2590 Surf. Csq: \$ Location: VIS: 39 Stroke: \$ Rig Cost: \$ 12,700 7-7/8" 7-7/8" PV/YP: 11/12 SPM: 112 Size: Int. Csg: \$ \$ 1,800 6/21/29 1310 MFG: **HYCALOG** STC Prod Csg: BHA: Gel: Press: 391 SX146HGJU **Y570D** \$ Cement: \$ GPM: Float Equp: 9.00 Type: ph: \$ \$ 775 3-14,3-18 NV: Jets: 1-20,2-24 Well Head: Mud Logger: WL: 12.80 ln: 8906 9183 TBG/Rods: \$ Water: \$ 1,255 1.00 AV: Cake: 18,500 \$ Bits / Corehead: \$ 3 9183 Packers: Sand: Dev: Out: \$ Rental Tools: \$ 1,581 3.00 FTG: 277 Tanks: Solids: \$ \$ 95 Chls: Hrs: 26 Separator: Corrosion: 2500 \$ 10.9 \$ Consultant: 850 Pf/Mf: .4/5.3 FPH: Heater: T/B/G: Pumping L/T: \$ **Drilling Mud:** \$ 2,340 LCM: 5.4 \$ Ca: 120 WOB: 15-20 Prime Mover: \$ Misc. / Labor: Misc: \$ Forklift: \$ 130 Time Break Down: RPM: 40 40,026 \$ \$ **START END** TIME BHA: 31K Daily Total: Daily Total: \$ 6,218 12:00 DRLG 9162' - 9183 (21 FT, 1.2 FPH). 6:00 18:00 Cum. Wtr: 22:30 4:30 PUMPED PILL & POOH FOR BIT #5 Cum. Fuel \$ 30,022 18:00 \$ 79,328 1:00 **CHANGE OUT BIT** Cum. Bits: 22:30 23:30 4:30 320 TIH Rot. Hrs: 23:30 4:00 4:00 6:00 2:00 WASH 90' TO BTM **DEPTH PUMP** SPM **PRESS** Nº2 70 610 9157 TRIP GAS UP = 200,000 LBS. DOWN = 180,000 LBS. ROTATING = 190,000 LBS. CONN 200-300 **BKG GAS** 100-200 BIT, DS, MM, IBS, 17-6-3/8" DC'S. TOTAL LENGTH = 596FT. BHA: **V GUINN** CONSULTANT:

GASCO ENERGY



CONFIDENTIAL

TIIS RISF 5-20 43-013-32475 3/24/2005 Days: Date: 16 **GATE CANYON 41-20-11-15** Well: Depth: 8890' Prog: 259 OPR: DRILLING Formation: **MESAVERDE** 28,324 CWC: \$ TMC: \$ TDC: \$ DMC: \$ 968 34197 880,928 **NABORS** Mud Co: MI **TANGIBLE** INTANGIBLE Contractor: \$ MW: 6 Bit #: 4 5 Conductor: \$ Rig Move: 9.3 Liner: \$ \$ S/N: VIS: 39 Stroke: 10 111485 111485 Surf. Csg: Location: SPM: 112 Size: 7-7/8" 7-7/8" Int. Csg: \$ Ria Cost: \$ 12,700 PV/YP: 12/10 \$ 2,350 HYCALOG Prod Csg: BHA: \$ Gel: 5/18/34 Press: 1300 MFG: HYCALOG 9.00 GPM: 391 Type: SX146HGJUSX146HGJUFloat Equp: \$ Cement: \$ ph: 3-14,3-18 \$ Mud Logger: \$ 775 NV: Jets: 3-14,3-18 Well Head: WL: 12.80 \$ \$ 1.00 AV: ln: 8095 8906 TBG/Rods: Water: Cake: \$ Bits / Corehead: \$ 8,500 Dev: 3 Out: 8906 Packers: Sand: \$ 1,581 FTG: 811 256 Tanks: Rental Tools: \$ Solids: 3.00 95 50 14 Separator: \$ Corrosion: \$ Chis: 2500 Hrs: Heater: \$ \$ 850 FPH: 16.2 19.0 Consultant: Pf/Mf: .4/5.3 \$ \$ 968 LCM: T/B/G: Pumping L/T: **Drilling Mud:** 5.7 375 \$ \$ Ca: 120 WOB: 15-20 15-20 Prime Mover: Misc. / Labor: Time Break Down: RPM: 40 40 Misc: \$ Forklift: \$ 130 \$ \$ 28,324 **START END** TIME 31K 31K Daily Total: Daily Total: BHA: \$ 4,963 6:00 7:00 1:00 DRLG 8890' - 8906 (16 FT, 16 FPH). Cum. Wtr: 30,022 \$ 7:00 11:00 4:00 PUMPED PILL & POOH FOR BIT #3. Cum. Fuel 1:00 60,828 CHANGE OUT BIT Cum. Bits: \$ 11:00 12:00 308 3:00 Rot. Hrs: 12:00 15:00 TIH 15:00 16:00 1:00 WASH 90' TO BTM 16:00 3:00 11:00 DRLG 8906' - 9157 (151 FT, 14 FPH) 0:30 RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC 3:00 3:30 3:30 2:30 DRLG 9157' - 9162 (5 FT, 2 FPH). 6:00 PUMP **SPM PRESS DEPTH** Nº2 70 8967 580 DOWN = 180,000 LBS. ROTATING = 190,000 LBS **TRIP GAS** UP = 190,000 LBS. CONN 200-300 BIT, DS, MM, IBS, 17-6-3/8" DC'S. TOTAL LENGTH = 596FT. **BKG GAS** 100-200 BHA: **V GUINN** CONSULTANT:

TIIS RISE S-20 43-013-32475

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT

	013	- 4 / /						1				4-
Well:		1		E CANYO	N 41-20-11-			Date:		3/23/2005		15
Depth:	8890'	Prog:	259'	OPR:		DRILLING			ation:		SAVERDE	
DMC: \$	237	0	тмс: \$		33229		TDC: \$	\$	21,226	cwc: \$	\$	852,604
Contractor:		NABO	ORS .	Mud Co:		Л	TANGIBLE			INTANGIBLE		
MW:	9.3	Liner:	66	Bit #:	4		Conductor:	\$		Rig Move:		-
VIS:	41	Stroke:	10	S/N:	111485		Surf. Csg:	\$	-	Location:	\$	<u>-</u>
PV/YP:	13/14	SPM:	112	Size:	7-7/8"		Int. Csg:	\$	-	Rig Cost:		12,700
Gel:	8/28/36	Press:	1250	MFG:	HYCALOG		Prod Csg:	\$		ВНА:	\$	2,350
ph:	9.00	GPM:	391	Туре:	SX146HGJU	W	Float Equp:	\$	-	Cement:	\$	_
WL:	14.00	NV:		Jets:	3-14,3-18		Well Head:	\$		Mud Logger:	\$	775
Cake:	1.00	AV:		in:	8095		TBG/Rods:	\$	-	Water:	\$	-
Sand:	_	Dev:	3	Out:			Packers:	\$		Bits / Corehea	ad:	
Solids:	3.00			FTG:	536		Tanks:	\$		Rental Tools:	\$	1,581
Chls:	2500			Hrs:	49		Separator:	\$	<u>-</u> _	Corrosion:	\$	95
Pf/Mf:	.4/5.9			FPH:	10.9		Heater:	\$		Consultant:	\$	850
Dap:	5.7			T/B/G:			Pumping L/T:	\$		Drilling Mud:	\$	2,370
Ca:	120			WOB:	15-20		Prime Mover:	\$		Misc. / Labor:		375
Time	Break Dov	wn:		RPM:	40		Misc:	\$		Forklift:	\$	130
START	END	TIME		вна:	31K		Daily Total:	\$	-	Daily Total:	\$	21,226
6:00	12:00	6:00	DRLG 86	31' - 8711	(80 FT, 13.	3 FPH).				Cum. Wtr:	\$	4,963
12:00	12:30	0:30	RIG SER	VICE, FU	NCT. TEST	BOT, HCR,	CROWNOMA	TIC	_	Cum. Fuel	\$	30,022
12:30	6:00	17:30	DRLG 87	11' - 8890) (79 FT, 4.5	FPH).				Cum. Bits:	\$	52,328
										Rot. Hrs:	29	3.5
									a.e.c.			
								<u>-</u>				
									_			
	<u> </u>											
			PUMP	SPM	PRESS	DEPTH						
			N°2	70	590	8807						
				<u> </u>					•			,
UP = 180	000 LBS	DOWN =	= 170.000	LBS. RO	TATING = 1	80,000 LBS	_			TRIP GAS		
100,	<u> </u>		,		······-					CONN		100-120
BHA:	BIT. DS. M	M. IBS	 17- 6-3/8"	DC'S. TO	OTAL LENG				-	BKG GAS		80
CONSULTAI		BUINN	0 0,0			555. 1						
CONSULTA	•1. V C	2011114										

026

TIIS RISE S-80

GASCO ENERGY



CONFIDENTIAL

43-013-32400

DAILY DRILLING AND COMPLETION REPORT

Well:	<u>-013-:</u>			E CANYO	N 41-20-11-	15		Dat	e:	3/22/2005	Days:	14
Depth:	8631'	Prog:	488	OPR:	·	DRILLIN	G	For	mation:	 ME	SAVERDE	
DMC: \$	141		тмс: \$		30859	.,	TDC: \$	\$	44,737	cwc: \$	\$	831,378
Contractor:		NAB	ORS	Mud Co:		ИI	TANGIBLE			INTANGIBLE		
MW:	9.1	Liner:	6	Bit #:	4		Conductor:	\$	-	Rig Move:		
VIS:	39	Stroke:	10	S/N:	111485		Surf. Csg:	\$	-	Location:	\$	
PV/YP:	10/12	SPM:	112	Size:	7-7/8"		int. Csg:	\$		Rig Cost:	\$	12,700
Gel:	8/28/36	Press:	1380	MFG:	HYCALOG		Prod Csg:	\$	-	BHA:	\$	2,350
ph:	9.00	GPM:	391	Туре:	SX146HGJU	w	Float Equp:	\$	-	Cement:	\$	_
WL:	16.00	NV:		Jets:	3-14,3-18		Well Head:	\$		Mud Logger:	\$	775
Cake:	1.00	AV:		ln:	8095		TBG/Rods:	\$	-	Water:	\$	<u>-</u>
Sand:		Dev:	3	Out:			Packers:	\$	<u>.</u>	Bits / Corehea	ıd: \$	10,828
Solids:	3.00			FTG:	536		Tanks:	\$	-	Rental Tools:	\$	1,581
Chis:	2500			Hrs:	26		Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:	.5/6.9			FPH:	21.0		Heater:	\$	-	Consultant:	\$	850
Dap:	6.0			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	
Ca:	140			WOB:	15-20		Prime Mover:	\$	-	Misc. / Labor:	\$	14,018
Time	Break Dov	wn:		RPM:	40		Misc:	\$	-	Forklift:	\$	130
START	END	TIME		ВНА:	31K		Daily Total:	\$	-	Daily Total:	\$	44,737
6:00	10:30	4:30	DRLG 81	43' - 830 <i>°</i>	I (158 FT, 35	FPH).				Cum. Wtr:	\$	4,963
10:30	11:00	0:30	RIG SER	VICE, FU	NCT. TEST	BOT, HCR	CROWNOMA	TIC		Cum. Fuel	\$	30,022
11:00	6:00	19:00	DRLG 83	01' - 863 <i>'</i>	(330 FT, 17	<u>r FPH).</u>				Cum. Bits:	\$	52,328
										Rot. Hrs:	2	70
												
		ļ										
		<u> </u>	ļ				·····					
		<u> </u>				-						
		ļ								<u> </u>		
									<u></u>			
:		ļ										
		ļ <u>.</u>										· · · · —
		<u> </u>	PUMP	SPM	PRESS	DEPTH				·		
			Nº2	70	580	8491				<u></u>		
								1		TDID 6 : 6		
<u>UP = 185,</u>	,000 LBS.	DOWN :	= 175,000	LBS. RO	TATING = 1	80,000 LBS	<u>. </u>			TRIP GAS		100 100
				DOIS =:		FIL - 500=			· ·-	CONN		100-120
BHA:	BIT DS M	IM. IBS.	17- 6-3/8"	DC'S. TO	OTAL LENG	ıн = 596F	1.			BKG GAS		80

GASCO ENERGY



R15E 5-20 43-013-32425 //5 3/21/2005 Days: 13 Well: **GATE CANYON 41-20-11-15** Date: 8143' Prog: 198 OPR: DRILLING Formation: **MESAVERDE** Depth: cwc: \$ TDC: \$ DMC: \$ 1415 ТМС: \$ 29449 39.511 349,811 INTANGIBLE **NABORS** Mud Co: ΜI **TANGIBLE** Contractor: 6 Bit #: 3 4 Conductor: \$ Rig Move: \$ MW: 9.1 Liner: \$ \$ VIS: Stroke: 10 S/N: 108344 111485 Surf. Csg: Location: 37 112 7-7/8" 7-7/8" \$ Rig Cost: \$ 12,700 PV/YP: SPM: Size: Int. Csg: 10/8 \$ BHA: \$ 1,400 Gel: 5/24/31 Press: 1260 MFG: HYCALOG HYCALOG Prod Csg: 9.00 GPM: 391 SX146HGJUSX146HGJU Float Equp: \$ Cement: \$ ph: Type: \$ Mud Logger: \$ 775 NV: 3-14,3-18 3-14,3-18 Well Head: WL: 16.00 Jets: 1.00 AV: ln: 7660 8095 TBG/Rods: \$ Water: \$ Cake: \$ Bits / Corehead: \$ 17,500 8095 8143 Packers: 3 Out: Sand: Dev: \$ 1,581 FTG: 435 48 Tanks: Rental Tools: \$ Solids: 4.00 95 Chis: 35 2 \$ Corrosion: \$ 2500 Hrs: Separator: FPH: 12.6 24.0 Heater: \$ Consultant: \$ 850 Pf/Mf: .4/6.4 T/B/G: Pumping L/T: \$ **Drilling Mud:** \$ 1,415 Dap: 5.8 3,065 \$ Ca: 140 WOB: 20 20 Prime Mover: Misc. / Labor: \$ Time Break Down: RPM: 40 40 Misc: \$ Forklift: \$ 130 \$ 39,511 **START** \$ **END** TIME BHA: 31K 31K Daily Total: Daily Total: 4,963 6:00 14:30 8:30 DRLG 7945' - 8080 (135 FT, 15.9 FPH). \$ Cum. Wtr: 30,022 14:30 15:00 0:30 RIG SERVICE, FUNCT, TEST BOT, HCR, CROWNOMATIC Cum. Fuel \$ DRLG 8080' - 8095 (15 FT, 4.3 FPH). \$ 41.500 15:00 18:30 3:30 Cum. Bits: 4:30 PUMPED PILL, DROPPED SURVEY, AND POOH FOR BIT #4 246.5 18:30 23:00 Rot. Hrs: 23:00 0:00 1:00 CHANGE OUT BIT AND MM 0:00 4:00 4:00 TIH 2:00 4:00 6:00 DRLG 8095' - 8143 (48 FT, 24 FPH). PUMP **SPM PRESS DEPTH** Nº1 68 500 8111 **TRIP GAS** N/A UP = 175,000 LBS. DOWN = 165,000 LBS. ROTATING = 174,000 LBS. CONN N/A **BKG GAS** 20 BIT, DS, MM, IBS, 17-6-3/8" DC'S. TOTAL LENGTH = 596FT. BHA:

024

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

TIS RISE 520 43-013-33475

NA/-III	<u> </u>				ON 41-20-11-		3-013	Date		3/20/2005	Jave.	12
Well:	70451	<u> </u>	***	T	JN 41-20-11-	DRILLING			nation:		SAVERDE	12
Depth:	7945'	Prog:	285' TMC: \$	OPR:	28034	DRILLING	TDC: \$			· .	\$	747,130
DMC: \$ Contractor:	621	NABO	l	Mud Co:		/II	TANGIBLE	Ψ	19,002	INTANGIBLE	Ψ	147,100
			•	Bit #:	3	<u>'</u>	Conductor:	\$		Rig Move:	\$	_
MW:	8.9	Liner:	6	1				_		Location:	\$	_
VIS:	32	Stroke:	10	S/N:	108344		Surf. Csg:		-		-	12,700
PV/YP:	7/6	SPM:	112	Size:	7-7/8"		Int. Csg:	\$	-	Rig Cost:		2,250
Gel:	3/10/16	Press:	1110	MFG:	HYCALOG		Prod Csg:	\$		ВНА:	\$	2,250
ph:	9.00	GPM:	391	Type:	SX146HGJU\	/V	Float Equp:		-	Cement:	\$	775
WL:	16.00	NV:		Jets:	3-14,3-18		Well Head:	\$		Mud Logger:	\$	775
Cake:	1.00	AV:		ln:	7660		TBG/Rods:	\$		Water:	\$	-
Sand:		Dev:	3-3/4	Out:			Packers:	\$		Bits / Corehead		
Solids:	3.00		-	FTG:	285		Tanks:	\$		Rental Tools:	\$	1,581
Chis:	2500			Hrs:	23		Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:	.4/7.3			FPH:	12.7	-	Heater:	\$	<u>-</u>	Consultant:	\$	850
Dap:	6.7			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	621
Ca:	120		,	WOB:	20		Prime Mover:	\$	-	Misc. / Labor:	\$	-
Time	Break Dov	vn:		RPM:	40		Misc:	\$	-	Forklift:	\$	130
START	END	TIME		ВНА:	31K		Daily Total:	\$	-	Daily Total:	\$	19,002
6:00	6:30	0:30	TIH				<u>. </u>			Cum. Wtr:	\$	4,963
6:30	7:00	0:30	WASH 60	O' TO BT	M					Cum. Fuel	\$	30,022
7:00	7:30	0:30	RIG SER	VICE, FL	JNCT. TEST I	BOT, HCR,	CROWNOMA	ГІС		Cum. Bits:	\$	24,000
7:30	6:00	22:30	DRLG 76	60' - 794	5 (285 FT, 12	.7 FPH).				Rot. Hrs:	232	2.5
								-				
			PUMP N°1	SPM 68	PRESS 450	DEPTH 7854						
UP = 175,	000 LBS.	DOWN =	165,000	LBS. RO	OTATING = 17	70,000 LBS.				TRIP GAS		200
										CONN		40
BHA:	BIT, DS, M	M, IBS,	17- 6-3/8"	DC'S. T	OTAL LENGT	H = 596FT				BKG GAS		20
CONSULTA	NT: VG	SUINN										

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT
TIS RISE 5-36 43-013-33425

- Well:	<u> </u>				N 41-20-11-		<u>-013-59</u>	Date		3/19/2005	Days:	11
	7660'	Prog:	60	OPR:		H INCOMPI	ETE	+	nation:		ESAVERDI	
Depth: DMC: \$	7660' 1048		TMC: \$	JOPK.	27412	TTINCONFL	TDC: \$	\$		cwc: \$	\$	- 728,128
Contractor:	1040	NABO	<u> </u>	Mud Co:		<u></u>	TANGIBLE		10,120	INTANGIBLE		
MW:	8.8	Liner:	6	Bit #:	2	3	Conductor:	\$	_	Rig Move:	,	\$ -
VIS:	32	Stroke:	10	S/N:	109407	108344	Surf. Csg:	\$	-	Location:		\$ -
PV/YP:	2	SPM:	112	Size:	7-7/8"		Int. Csg:	 \$	_	Rig Cost:	,	\$ 12,700
Gel:	7/3	Press:	1110	MFG:		HYCALOG		_ _	-	ВНА:	,	\$ 1,500
ph:	9.00	GPM:	391	Type:	SX199GJLU\			 \$	_	Cement:		\$ -
NL:	16.00	NV:		Jets:	3-14,3-18	3-14,3-18		 \$	_	Mud Logger:		\$ 775
Cake:	1.00	AV:		ln:	7361	7660	TBG/Rods:	\$	-	Water:	,	\$ 1,688
Sand:		Dev:	3-3/4	Out:	7660		Packers:	\$	_	Bits / Corehea	ad:	\$ 8,000
Solids:	2.00		<u>: .=</u> _	FTG:	299		Tanks:	\$	_	Rental Tools:		\$ 1,581
Chis:	2000			Hrs:	65		Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:	.4/7.3			FPH:	4.6		Heater:	\$	-	Consultant:	-	\$ 850
Dap:	6.7			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:		\$ 10,489
Ca:	120			WOB:	20	0	Prime Mover:	\$	_	Misc. / Labor:		\$ 8,917
	Break Dov	vn:		RPM:	40	0	Misc:	\$	-	Forklift:	,	\$ 130
START	END	TIME		BHA:	31K	31K	Daily Total:	\$	-	Daily Total:		\$ 46,725
6:00	21:00	15:00	DRLG 76	00' - 7660	(60 FT, 4 F	PH).				Cum. Wtr:		\$ 4,963
21:00	0:30	3:30	POOH FO	OR BIT #3						Cum. Fuel		\$ 30,022
0:30	1:30	1:00	CHANGE	OUT BIT						Cum. Bits:		\$ 24,000
1:30	2:30	1:00	TIH TO 2	921'						Rot. Hrs:	2	210
2:30	4:30	2:00	SLIP AND	CUT 85'	DRLG LINE							
4:30	6:00	1:30	TIH INCC	MPLETE			·					
]												
												
			PUMP	SPM	PRESS	DEPTH						
			Nº1	67	550	7536						
UP = 170,	000 LBS.	DOWN =	= 160,000	LBS. RO	TATING = 1	70,000 LBS.				TRIP GAS		
										CONN		10
ВНА:	BIT, DS, M	M, IBS,	17- 6-3/8"	DC'S. TO	TAL LENGT	H = 596FT	•			BKG GAS		10
CONSULTA	NT: V G	SUINN										

TIIS RISE S-20 43-013-32425

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

3/18/2005 Days: **GATE CANYON 41-20-11-15** Well: Date: 106' OPR: 7600' Prog: DRILLING Formation: **MESAVERDE** Depth: 30,108 CWC: \$ DMC: \$ TMC: \$ TDC: \$ 1022 16924 681.403 **NABORS** Mud Co: MΙ **TANGIBLE** INTANGIBLE Contractor: 2 \$ Rig Move: \$ 6 Bit #: MW: 8.7 Conductor: S/N: 109407 \$ Location: VIS: 37 Stroke: 10 Surf. Csq: \$ 12,700 7-7/8" \$ SPM: 112 Size: Rig Cost: PV/YP: Int. Csg: \$ 2,350 Gel: Press: 1110 MFG: **HYCALOG Prod Csg:** BHA: \$ SX199GJLUW \$ Cement: \$ GPM: 391 Type: Float Equp: ph: \$ 775 WL: NV: 3-14,3-18 Well Head: Mud Logger: 7361 TBG/Rods: \$ Water: 1.688 AV: ln: Cake: \$ 3-3/4 Bits / Corehead: \$ Sand: Dev: Out: Packers: \$ 1,581 FTG: 239 Tanks: Rental Tools: \$ Solids: \$ 95 50 Corrosion: \$ Chis: 2000 Hrs: Separator: \$ \$ 850 FPH: 4.8 Consultant: Pf/Mf: Heater: T/B/G: Pumping L/T: \$ Drilling Mud: 1.022 LCM: 4.1 140 WOB: 20 Prime Mover: \$ Misc. / Labor: 8,917 Ca: 40 \$ \$ 130 Time Break Down: RPM: Forklift: Misc: **START END** TIME 31K Daily Total: \$ Daily Total: \$ 30,108 BHA: DRLG 7494' - 7504 (10 FT, 10 FPH). \$ 4,963 6:00 7:00 1:00 Cum. Wtr: 7:00 7:30 0:30 RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC Cum. Fuel 30,022 DRLG 7504' - 7600 (106 FT, 4.7 FPH). \$ 16,000 7:30 6:00 22:30 Cum. Bits: Rot. Hrs: 195 **DEPTH** PUMP SPM **PRESS** Nº1 67 550 7536 **TRIP GAS** UP = 170,000 LBS. DOWN = 160,000 LBS. ROTATING = 170,000 LBS. **CONN** 10 **BKG GAS** 10 BIT, DS, MM, IBS, 17-6-3/8" DC'S. TOTAL LENGTH = 596FT. BHA: CONSULTANT: **V GUINN**

TIIS RISE S-20 43-013-32425

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT CONFIDENTIAL



Well:	73- 3		GAT	CANYO	N 41-20-11-	15		Date	e:	3/16/2005	Days:	8
Depth:	7367'	Prog:	152	OPR:		DRILLING	<u> </u>	Forr	mation:	MES	SAVERDE	
DMC: \$	381		тмс: \$		15661		TDC: \$	\$	25,812	cwc: \$	\$	632,199
Contractor:		NAB	ORS	Mud Co:		Al	TANGIBLE	-		INTANGIBLE	, <u>.</u>	
MW:	8.5	Liner:	6	Bit #:	1	2	Conductor:	\$_		Rig Move:	\$	
VIS:	25	Stroke:	10	S/N:	104978	109407	Surf. Csg:	\$		Location:	\$	-
PV/YP:		SPM:	112	Size:	7-7/8"	7-7/8"	Int. Csg:	\$	-	Rig Cost:	\$	12,700
Gel:		Press:	770	MFG:	HYCALOG	HYCALOG	Prod Csg:	\$	-	ВНА:	\$	1,300
ph:		GPM:	391	Туре:	DSX210G	SX199GJLU	Float Equp:	\$	-	Cement:	\$	
WL:		NV:		Jets:	3-14,3-18	3-14,3-18	Well Head:	\$	-	Mud Logger:	\$	775
Cake:		AV:		ln:	2970	7361	TBG/Rods:	\$	-	Water:		-
Sand:		Dev:	3-3/4	Out:	7361		Packers:	\$	-	Bits / Corehead	ı: \$	8,000
Solids:				FTG:	4391	6	Tanks:	\$		Rental Tools:	\$	1,581
Chis:	2000			Hrs:	146	2	Separator:	\$		Corrosion:	\$	95
Pf/Mf:		<u> </u>		FPH:	30.1	4.0	Heater:	\$	-	Consultant:	\$	850
LCM:	4.1			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	381
Ca:	140		·	WOB:	20	20	Prime Mover:	\$	-	Misc. / Labor:	\$	-
Time	Break Dov	vn:	:	RPM:	35	35	Misc:	\$	-	Forklift:	\$	130
START	END	TIME		вна:	31K	31K	Daily Total:	\$		Daily Total:	\$	25,812
6:00	17:30	11:30	DRLG 72	15' - 7361	(146 FT, 12	2.7 FPH).				Cum. Wtr:	\$	3,275
17:30	18:00	0:30	PUMP PI	LL AND P	ERFORM R	IG SERVICE	<u>.</u>			Cum. Fuel		21,105
18:00	22:00	4:00	POOH W	/ BIT #1.						Cum. Bits:	\$	16,000
22:00	0:00	2:00	CHANGE	OUT BIT	AND MM					Rot. Hrs:	14	7.5
0:00	3:30	3:30	TIH TO 7	300'.								
3:30	4:30	1:00	WASH A	ND REAM	7300' TO 7	361'.						
4:30	6:00	1:30	DRLG 73	61' - 736 <u>7</u>	(6 FT, 4 FP	PH).						
												<u>.</u>
			ļ	<u> </u>								
					· .							
			PUMP	SPM	PRESS	DEPTH						
			Nº1	70	370	7345						
UD. 405	000 LBC	DOVATAL	160,000	LBC DO	TATING - 4	65 000 LBC				TRIP GAS		450
<u>UP = 165,</u>	000 FR2.	DOMN :	- 160,000	LBO. KU	IATING = T	65,000 LBS.				CONN		100-300
DUA:	DIT DO 11	M IDO	17 6 2/0"	DOIS TO	TALLENO"	TH - 506ET				BKG GAS		20-30
BHA: CONSULTA		M, IBS, BUINN	17-0-3/8"	DC 5. TC	TAL LENG	<u>rH = 596FT</u>				DIVO GNO		20-00

43-013-32435 TIIS RISE 5-20

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT

	K151							Т				
Well:	 .	Τ.		T '	N 41-20-11-			Date:		3/15/2005	-	7
Depth:	7215'	Prog:	391'	OPR:		DRILLING		Forma			R WASATO	-
DMC: \$	698		тмс: \$	<u> </u>	15280		TDC: \$	\$ 2	20,259		\$	586,128
Contractor:		NABO	ORS	Mud Co:	<u>N</u>	//	TANGIBLE	<u> </u>		INTANGIBLE		
MW:	8.5	Liner:	6	Bit #:	11		Conductor:	\$	-	Rig Move:	\$	
VIS:	25	Stroke:	10	S/N:	104978		Surf. Csg:	\$	-	Location:	\$	
PV/YP:		SPM:	112	Size:	7-7/8"		Int. Csg:	\$	-	Rig Cost:	\$	
Gel:		Press:	770	MFG:	HYCALOG		Prod Csg:	\$_		BHA:	\$	
ph:		GPM:	391	Туре:	DSX210G		Float Equp:	\$		Cement:	\$	
WL:		NV:		Jets:	3-14,3-18		Well Head:	\$		Mud Logger:	\$	775
Cake:		AV:		ln:	2970		TBG/Rods:	\$	-	Water:	\$	
Sand:		Dev:	3	Out:			Packers:	\$	-	Bits / Corehead	i: \$	
Solids:				FTG:	4245		Tanks:	\$	-	Rental Tools:	\$	1,581
Chls:	2000	<u> </u>		Hrs:	135		Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:				FPH:	31.6		Heater:	\$		Consultant:	\$	850
LCM:	4.3			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	698
Ca:	140			w ов:	20		Prime Mover:	\$	-	Misc. / Labor:	\$	1,080
Time	Break Dov	vn:]	RPM:	35		Misc:	\$	-	Forklift:	\$	130
START	END	TIME		вна:	31 K		Daily Total:	\$	-	Daily Total:	\$	20,259
6:00	3:30	21:30	DRLG 68	24' - 7185	(361 FT, 16	.8 FPH).				Cum. Wtr:	\$	3,275
3:30	4:00	0:30	RIG SER	VICE, FUI	NCT. TEST	BOT, HCR,	CROWNOMA ⁻	TIC		Cum. Fuel	\$	21,105
4:00	6:00	2:00	DRLG 71	85' - 7215	' (30 FT, 15	FPH).				Cum. Bits:	\$	8,000
									_	Rot. Hrs:	13	4.5
_												
			PUMP	SPM	PRESS	DEPTH						
			Nº1	70	270	7126						
UP = 165.	000 LBS.	DOWN =	= 150,000	LBS. RO	TATING = 1	60,000 LBS.				TRIP GAS		
										CONN		100-300
BHA:	BIT, DS, M	M, IBS,	17- 6-3/8"	DC'S. TO	TAL LENG	ΓH = 596FT				BKG GAS		20-30
CONSULTA		SUINN										
L.			-				****					



GASCO ENERGY



DAILY DRILLING AND COMPLETION REPORT

R 15E S-30 4:3-013-32475

CONFIDENTIAL

3/14/2005 Days: 6 **GATE CANYON 41-20-11-15** Date: Well: 448 DRILLING Formation: LOWER WASATCH 6828' Prog: OPR: Depth: cwc: \$ Ітрс: \$ DMC: \$ TMC: \$ 14582 18,712 577,916 381 INTANGIBLE **NABORS** Mud Co: MI **TANGIBLE** Contractor: 6 1 Conductor: \$ Rig Move: \$ Bit #: MW: 8.5 Liner: \$ \$ 10 S/N: 104978 Surf. Csg: Location: VIS: 25 Stroke: 7-7/8" \$ Rig Cost: \$ 12,700 Int. Csg: SPM: 112 Size: PV/YP: 2,200 \$ BHA: \$ Gel: Press: 750 MFG: **HYCALOG** Prod Csg: \$ Cement: \$ 391 **DSX210G** Float Equp: GPM: Type: ph: Mud Logger: \$ \$ 775 WL: NV: Jets: 3-14,3-18 Well Head: ln: 2970 TBG/Rods: \$ Water: \$ AV: Cake: \$ Bits / Corehead: \$ 3 Packers: Sand: Dev: Out: Tanks: \$ Rental Tools: \$ 1,581 FTG: 3858 Solids: 95 \$ Corrosion: \$ 111 Separator: Chls: 2000 Hrs: \$ 850 FPH: 34.8 \$ Consultant: Heater: Pf/Mf: 381 \$ \$ **Drilling Mud:** T/B/G: Pumping L/T: DAP 4.3 \$ \$ 140 WOB: 20 Prime Mover: Misc. / Labor: Ca: \$ Forklift: \$ 130 RPM: 35 Misc: Time Break Down: \$ 18,712 **START END** TIME BHA: 31K Daily Total: \$ Daily Total: \$ 3.275 DRLG 6380' - 6423' (43 FT, 28.7 FPH). Cum. Wtr: 6:00 7:30 1:30 7:30 8:30 1:00 RUN WIRELINE SURVEY @ 6342', 3° Cum. Fuel \$ 21,105 Cum. Bits: \$ 8,000 5:30 DRLG 6423' - 6549' (126 FT, 23 FPH). 14:00 8:30 1:00 Rot. Hrs: 111 INSTALL ROT. HD RUBBER 14:00 15:00 DRLG 6549' - 6828 (279 FT, 18.6 FPH). 15:00 6:00 15:00 PUMP SPM **PRESS DEPTH** 71 Nº1 260 6613 TRIP GAS UP = 155,000 LBS. DOWN = 145,000 LBS. ROTATING = 152,000 LBS. 60-100 CONN **BKG GAS** 15 BIT, DS, MM, IBS, 17-6-3/8" DC'S. TOTAL LENGTH = 596FT. BHA: CONSULTANT: **V GUINN**

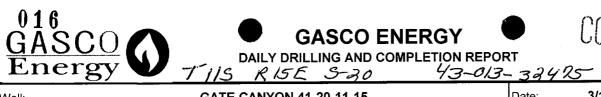
018 TIIS RISE S-20 43-013-32475

DAILY DRILLING AND COMPLETION REPORT

Well:					N 41-20-11-			Date		3/13/2005		5
Depth:	6380'	Prog:		OPR:		DRILLIN	- I		nation:		ASATCH	
DMC: \$	100	•	TMC: \$		14201		TDC: \$	\$	19,490	cwc: \$	\$	617,285
Contractor:		NABO	ORS	Mud Co:	ı İ	VII	TANGIBLE			INTANGIBLE		
MW:	8.5	Liner:	6	Bit #:	1		Conductor:	\$_	-	Rig Move:	\$	-
VIS:	25	Stroke:	10	S/N:	104978		Surf. Csg:	\$	· -	Location:	\$	-
PV/YP:		SPM:	110	Size:	7-7/8"		Int. Csg:	\$		Rig Cost:	\$	12,700
Gel:		Press:	560	MFG:	HYCALOG		Prod Csg:	\$_	-	ВНА:	\$	2,350
ph:		GPM:	380	Туре:	DSX210G		Float Equp:	\$	-	Cement:	\$	-
WL:		NV:		Jets:	3-14,3-18		Well Head:	\$	-	Mud Logger:	\$	775
Cake:		AV:		ln:	2970		TBG/Rods:	\$_	-	Water:	\$	
Sand:		Dev:	31/4	Out:			Packers:	\$	-	Bits / Corehea	d: \$	-
Solids:		<u> </u>	·	FTG:	3410		Tanks:	\$		Rental Tools:	. \$	1,581
Chls:	2000		<u></u>	Hrs:	89		Separator:	\$_		Corrosion:	\$	95
Pf/Mf:				FPH:	38.3		Heater:	_\$_		Consultant:	\$	850
DAP	4.5			T/B/G:			Pumping L/T:	\$		Drilling Mud:		1,009
Ca:	140			WOB:	10-20		Prime Mover:	\$		Misc. / Labor:	\$	-
Time	Break Do	wn:		RPM:	35		Misc:	\$	-	Forklift:	\$	130
START	END	TIME		вна:	31K		Daily Total:	\$	<u>-</u>	Daily Total:	\$	19,490
6:00	16:00	10:00	DRLG 59	93' - 6137	' (144 FT, 1	4.4 FPH).				Cum. Wtr:	\$	3,275
16:00	16:30	0:30	RIG SER	VICE, FUI	NCT. TEST	BOT, HCR,	CROWNOMA	TIC		Cum. Fuel	\$	21,105
16:30	6:00	13:30	DRLG 61	<u> 37' - 6380</u>	' (243 FT, 1	8 FPH).				Cum. Bits:	\$	8,000
	-									Rot. Hrs:	8	9
			PUMP Nº1	SPM 70	PRESS 250	DEPTH 6199						
			IN I	10	200	0133						
UP = 150	000 LBS	DOWN =	= 140 000	IBS RO	TATING = 1	45.000 LBS			·	TRIP GAS	 -	
<u> </u>	<u> </u>		0,000			,				CONN		50-60
BHA:	BIT DS M	IM IRS	17- 6-3/8"	DC'S TO	TAL LENG	TH = 596F		_		BKG GAS		15
بر ار <i>ب</i>	טוו, טט, וע	.,vi, 100,	17 - 0-370	500. 10	. , , \L LLINO	0001				DWN TIME		

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT CONFIDENTIAL

43-	013-3	3742					<u>. </u>					-
Well:	·-·	<u> </u>		E CANYO	N 41-20-11-		·	Date		3/12/2005		4
Depth:	5993'	Prog:	878	OPR:		DRILLING	T		nation:		ASATCH	
DMC: \$	144		TMC: \$	Τ	13192		TDC: \$	\$	29,632	cwc: \$	\$	597,795
Contractor:		NABO	ORS	Mud Co:	<u> </u>	/II	TANGIBLE			INTANGIBLE		
MW:	8.5	Liner:	6	Bit #:	1	<u> </u>	Conductor:	\$	-	Rig Move:	\$	
VIS:	25	Stroke:	10	S/N:	104978		Surf. Csg:	\$		Location:	- \$	
PV/YP:		SPM:	110	Size:	7-7/8"		Int. Csg:	\$	<u> </u>	Rig Cost:	\$	
Gel:		Press:	560	MFG:	HYCALOG		Prod Csg:	\$	-	ВНА:	. \$	2,200
ph:		GPM:	380	Туре:	DSX210G		Float Equp:	\$	-	Cement:	\$	-
WL:		NV:		Jets:	3-14,3-18		Well Head:	\$	-	Mud Logger:	\$	775
Cake:		AV:		ln:	2970		TBG/Rods:	\$		Water:	\$	-
Sand:		Dev:	31⁄4	Out:			Packers:	\$	-	Bits / Corehead	d: \$	-
Solids:				FTG:	3023		Tanks:	\$	-	Rental Tools:	\$	1,581
Chis:	2000			Hrs:	66		Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:				FPH:	46.2		Heater:	\$	-	Consultant:	\$	850
DAP	4.5			T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	1,444
Ca:	140			WOB:	10-20		Prime Mover:	\$	-	Misc. / Labor:	\$	9,857
Time	Break Dov	vn:		RPM:	35		Misc:	\$		Forklift:	\$	130
START	END	TIME		вна:	31K		Daily Total:	\$	**	Daily Total:	\$	29,632
6:00	12:00	6:00	DRLG 51	15' - 5409	' (294 FT, 4	9 FPH).	14.5			Cum. Wtr:	\$	3,275
12:00	12:30	0:30	RUN WIF	RELINE SI	JRVEY @ 5	324', 3-1/4°				Cum. Fuel	\$	21,105
12:30	13:00	0:30	RIG SER	VICE, FU	NCT. TEST	BOT, HCR,	CROWNOMA	TIC		Cum. Bits:	\$	8,000
13:00	3:00	14:00	DRLG 54	09' - 5947	" (538 FT, 3	8 FPH).				Rot. Hrs:	65	5.5
3:00	4:00	1:00_	PUMP S\	NEEP AN	D WORK TI	GHT HOLE						
4:00	6:00	2:00	DRLG 59	47' - 5993	' (46 FT, 23	FPH).						
					<u>, </u>							
				-				•				
					,							
						<u></u>						
												
		-										
			PUMP	SPM	PRESS	DEPTH						
			N°2	73	370	5628						
			172	<u>, , , , , , , , , , , , , , , , , , , </u>	370	<u> </u>	·					<u> </u>
UP = 140	000 LBS.	DOWN =	= 130.000	LBS. RO	TATING = 1	35,000 LBS				TRIP GAS		·····
J. 1-10,			,						_	CONN	-	50-60
BHA:	BIT DS M	M IBS	17- 6-3/8"	DC'S TO	TAL LENG	TH = 596FT	•			BKG GAS		15
CONSULTA		BUINN	0 0,0							DWN TIME		300





Well:	2187		/ //S		N 41-20-11-		73-013	Date		3/11/2005	Davs:	3
Depth:	5115' GL	Prog.		OPR:		DRILLING	3		nation:		ASATCH	
DMC: \$	7359		TMC: \$	1 1	11749		TDC: \$	\$		cwc: \$	\$	597,795
Contractor:		NABO	ORS	Mud Co:		/II	TANGIBLE			INTANGIBLE		
MW:	8.5	Liner:	6	Bit #:	1		Conductor:	\$		Rig Move:	\$	-
VIS:	25	Stroke:	10	S/N:	104978		Surf. Csg:	\$	-	Location:	\$	
PV/YP:		SPM:	115	Size:	7-7/8"		Int. Csg:	\$	-	Rig Cost:	\$	12,700
Gel:		Press:	560	MFG:	HYCALOG		Prod Csg:	\$		вна:	\$	2,050
ph:	· · · ·	GPM:	400	Туре:	DSX210G		Float Equp:	\$		Cement:	\$	-
WL:		NV:		Jets:	3-14,3-18		Well Head:	\$	-	Mud Logger:	\$	775
Cake:		AV:		ln:	2970		TBG/Rods:	\$		Water:	\$	
Sand:		Dev:	3	Out:			Packers:	\$		Bits / Corehea	d: \$	_
Solids:				FTG:	2145		Tanks:	\$		Rental Tools:	\$	1,581
Chis:	2000			Hrs:	44		Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:				FPH:	49.3		Heater:	\$	-	Consultant:	\$	850
LCM:				T/B/G:			Pumping L/T:	\$		Drilling Mud:	\$	7,359
Ca:	180	_		WOB:	10-20		Prime Mover:	\$	-	Misc. / Labor:	\$	-
Time	Break Dov	/n:	:	RPM:	30		Misc:	\$		Forklift:	\$	130
START	END	TIME		вна:	31K		Daily Total:	\$	-	Daily Total:	\$	25,540
6:00	11:30	5:30	DRLG 42	63' - 4391'	(128 FT, 23	3.2 FPH)				Cum. Wtr:	\$	3,275
11:30	12:00	0:30	RUN WIR	ELINE SU	JRVEY @ 4	308', 3-3/4°				Cum. Fuel	\$	12,362
12:00	22:30	10:30	DRLG 43	91' - 4899'	(508 FT, 48	3.4 FPH).				Cum. Bits:	\$	8,000
22:30	23:00	0:30	RUN WIR	ELINE SU	JRVEY @ 4	816', 3°				Rot. Hrs:	43	3.5
23:00	23:30	0:30	DRLG 48	99' - 4918'	(19 FT, 38	FPH).						
23:30	2:00	2:30	REPAIR #	#1 & #2 M	UD PUMPS		. <u>.</u>					
2:00	6:00	4:00	DRLG 49	18' - 5115'	(197 FT, 49	9.3 FPH).						.
											·	
:												
										<u> </u>		
			PUMP	SPM	PRESS	DEPTH						
			Nº1	70	250	4708				. <u> </u>		
											<u>.</u>	<u>-</u>
UP = 125,	000 LBS. [OOWN =	115,000	LBS. ROT	TATING = 12	20,000 LBS				TRIP GAS		
										CONN		30-50
BHA:	BIT, DS, MI	M, IBS,	17- 6-3/8"	DC'S. TO	TAL LENG	H = 596FT	•			BKG GAS		38640
CONSULTA	NT: VG	UINN								DWN TIME		1100



DAILY DRILLING AND COMPLETION REPORT TILS RISE 5-30 43-013-32425



Well:	- 8/		-		N 41-20-11-		V13-34	Date		3/10/2005	Days:	2
Depth:	4263' GL	Prog:	1107'	OPR:		DRILLING	<u> </u>	Forn	nation:	N	/ASATCH	
DMC: \$	210	0	тмс: \$		4390		TDC: \$	\$	22,035	cwc: \$	\$	53,824
Contractor:		NABO	DRS	Mud Co:	Λ	/ 11	TANGIBLE			INTANGIBLE		
MW:	8.5	Liner:	6	Bit #:	1		Conductor:	\$	-	Rig Move:	\$	
VIS:	25	Stroke:	10	S/N:	104978		Surf. Csg:	\$		Location:	\$	-
PV/YP:		SPM:	115	Size:	7-7/8"		Int. Csg:	\$	-	Rig Cost:	\$	12,700
Gel:		Press:	560	MFG:	HYCALOG		Prod Csg:	\$	-	вна:	\$	-
ph:		GPM:	400	Туре:	DSX210G		Float Equp:	\$	-	Cement:	\$	-
WL:		NV:		Jets:	3-14,3-18		Well Head:	\$	-	Mud Logger:	\$	775
Cake:		AV:		In:	2970		TBG/Rods:	\$	-	Water:	\$	1,725
Sand:		Dev:	3	Out:			Packers:	\$	_	Bits / Corehea	d: \$	
Solids:				FTG:	186		Tanks:	\$	-	Rental Tools:	\$	1,581
Chis:	2000			Hrs:	2		Separator:	\$	-	Corrosion:	\$	95
Pf/Mf:				FPH:	93		Heater:	\$		Consultant:	\$	850
LCM:				T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	2,100
Ca:	180			wов:	2		Prime Mover:	\$	-	Misc. / Labor:	\$	2,079
Time	Break Dov	vn:		RPM:	45		Misc:	\$	- .	Forklift:	\$	130
START	END	TIME		вна:	31K		Daily Total:	\$	-	Daily Total:	\$	22,035
6:00	9:00	3:00	DRLG 31	56' - 3314	' (158 FT, 53	3 FPH).				Cum. Wtr:	\$	3,275
9:00	9:30	0:30	RUN WIR	RELINE SU	JRVEY, MIS	SRUN	<u></u>			Cum. Fuel	\$	12,362
9:30	10:30	1:00	WORK S	TUCK PIF	E AND REA	M HOLE				Cum. Bits:	\$	8,000
10:30	11:00	0:30	DRLG 33	14' - 3377	' (63 FT, 32	FPH).				Rot. Hrs:		
11:00	11:30	0:30	CIRC. BT	MS UP								
11:30	12:00	0:30	RUN WIR	RELINE SU	JRVEY @ 3	377', 3½°						
12:00	22:00	10:00	DRLG 33	77' - 3882	' (505 FT, 5°	I FPH).						
22:00	22:30	0:30	RUN WIR	RELINE SU	JRVEY @ 3	850', 3°						
22:30	6:00	7:30	DRLG 38	82' - 4263	' (381 FT, 51	I FPH).						
							<u></u>					
												_
			PUMP	SPM	PRESS	DEPTH						
			Nº1	70	210	3788						
UP = 207,	000 LBS. I	DOWN =	205,000	LBS. RO	TATING = 20	05,000 LBS.		,		TRIP GAS		
										CONN		60-80
ВНА:	BIT, DS, M	M, IBS,	17- 6-3/8"	DC'S. TO	TAL LENGT	H = 596FT	•			BKG GAS		15
CONSULTA	NT: V G	UINN							_	DWN TIME		600





Well:	SCO ergy				<u>55 S578</u> ON 41-20-11-15	10	-013-3	Date:		3/9/2005 Days:		1
Depth:	3156' GL	Prog:		OPR:		DRILLING		Format	ion:	GREEN R	IVER	
DMC: \$	228		TMC: \$	<u></u>	2289		OC: \$	\$	_	CWC: \$ \$		460,20
Contractor:		NAB	ORS	Mud Co:	MI	TA	NGIBLE		•	INTANGIBLE		·
MW:	8.5	Liner:	6	Bit #:	1	Со	nductor:	\$	-	Rig Move:	\$	-
VIS:	25	Stroke:	10	S/N:	104978	Su	rf. Csg:	\$	-	Location:		
PV/YP:		SPM:	115	Size:	7-7/8"	Int	. Csg:	\$	-	Rig Cost:	\$	12,70
Gel:		Press:	560	MFG:	HYCALOG	Pro	od Csg:	\$		вна:	\$	-
ph:		GPM:	400	Type:	DSX210G	Flo	oat Equp:	\$		Cement:	\$	
WL:		NV:		Jets:	3-14,3-18	We	ell Head:	\$	-	Mud Logger:	\$	77
Cake:		AV:		ln:	2970	тв	G/Rods:	\$	-	Water:	\$	
Sand:		Dev:		Out:		Pa	ckers:	\$	-	Bits / Corehead:	\$	8,00
Solids:				FTG:	186	Tai	nks:_	\$	-	Rental Tools:	\$	1,58
Chis:				Hrs:	2	Se	parator:	\$	-	Corrosion:	\$	9
Pf/Mf:				FPH:	93	He	ater:	\$	-	Consultant:	\$	85
LCM:				T/B/G:		Pu	mping L/T:	\$	-	Drilling Mud:	\$	2,28
Ca:	300			WOB:	2	Pri	me Mover:	\$	-	Misc. / Labor:	\$	5,16
Time	Break Do	wn:		RPM:	45	Mis	sc:	\$	-	Forklift:	\$	13
START	END	TIME		вна:	31K	Da	ily Total:	\$	-	Daily Total:	\$	31,58
6:00	9:00_	3:00	INSTALL	RAT HO	LE		· · ·			Cum. Wtr:	\$	1,55
9:00	10:00	1:00	RU LAYI	OOWN M	ACHINE					Cum. Fuel	\$	12,36
10:00	14:30_	4:30	MAKE U	P BHA AN	ND PU DC & DP					Cum. Bits:	\$	8,00
14:30	15:30_	1:00	RD LAY	M MWOC	ACHINE					Rot. Hrs:		
15:30	4:00	12:30	DRLD F	C, CEMEN	NT, AND FS							
4:00	6:00	2:00	DRLG 29	970' - 315	6' (186 FT, 93 FF	PH).						
										· · · · · · · · · · · · · · · · · · ·		
	·											
										····		
	<u> </u>											
										<u></u>		
												
								-		TDID CAC		
										TRIP GAS		W 401
BHA:	BIT, DS, M							····		CONN BKG GAS		K-10K 2000

GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

TIIS RISE S-20 43-013-32475 CYN D011 EED-41-20-11-15 3/8/2005 Days: Well: Date: HOOK UP RIG SERVICES Depth: GL Prog: lopr: Formation: TDC: \$ cwc: \$ тмс: \$ DMC: \$ 17,501 428,618 0 BILL JR. Mud Co: TANGIBLE INTANGIBLE Contractor: \$ Bit #: Conductor: \$ Rig Move: MW: Liner: \$ Location: \$ S/N: Surf. Csg: Stroke: VIS: \$ 10,700 \$ Rig Cost: PV/YP: SPM: Size: Int. Csq: Prod Csg: \$ BHA: \$ Press: MFG: Gel: \$ \$ Cement: Float Equp: ph: GPM: Type: \$ Well Head: \$ Mud Logger: WL: NV: Jets: TBG/Rods: \$ Water: \$ AV: lın: Cake: Bits / Corehead: \$ \$ Dev: Out: Packers: Sand: 1,050 \$ \$ Rental Tools: Solids: FTG: Tanks: \$ Corrosion: \$ Separator: Chis: Hrs: FPH: Heater: Consultant: \$ 850 Pf/Mf: \$ Drilling Mud: \$ T/B/G: Pumping L/T: LCM: \$ Misc. / Labor: \$ 4,771 WOB: Prime Mover: Ca: 130 \$ Forklift: \$ Time Break Down: RPM: Misc: 17,501 END TIME вна: \$ Daily Total: \$ **START** Daily Total: RECEIVED #2 PUMP AND PUMP HOUSE. HOOK UP FUEL. Cum. Wtr: \$ 1,550 18:00 12:00 6:00 12,362 \$ AIR, AND ELECTRIC POWER TO RIG THROUGH #2 HOUSE Cum. Fuel WILL ATTEMPT TO PU DC AND DP IN AM. Cum. Bits: \$ Rot. Hrs: **TRIP GAS** CONN **BKG GAS** BHA: V. Guinn CONSULTANT:

BHA:

CONSULTANT:

GASCO ENERGY DAILY DRILLING AND COMPLETION REPORT



BKG GAS

43-013-32425 GATE CYN FED-41-20-11-15 3/7/2005 D010 Date: Days: Well: GL Prog: OPR: WO MUD PUMP Formation: Depth: \$ 12,730 CWC: \$ TDC: \$ TMC: \$ 411,117 DMC: \$ 0 0 \$ BILL JR. Mud Co: TANGIBLE INTANGIBLE Contractor: Bit #: Conductor: \$ Rig Move: \$ MW: Liner: \$ \$ Location: VIS: Stroke: S/N: Surf. Csg: \$ \$ 10,700 Rig Cost: PV/YP: SPM: Size: Int. Csg: Press: Prod Csg: \$ BHA: \$ MFG: Gel: \$ Cement: \$ GPM: ph: Type: Float Equp: \$ Mud Logger: \$ WL: NV: Jets: Well Head: TBG/Rods: \$ Water: \$ AV: In: Cake: Out: \$ \$ Dev: Packers: Bits / Corehead: Sand: \$ \$ 1,050 Rental Tools: Solids: FTG: Tanks: \$ Separator: \$ Corrosion: Chis: Hrs: FPH: Heater: \$ Consultant: 850 Pf/Mf: \$ \$ **Drilling Mud:** T/B/G: Pumping L/T: LCM: \$ Misc. / Labor: \$ Prime Mover: Ca: WOB: **Time Break Down:** \$ Forklift: \$ 130 RPM: Misc: **START END** TIME Daily Total: \$ Daily Total: \$ 12,730 BHA: \$ 1,550 18:00 12:00 WO #2 MUD PUMP Cum. Wtr: 6:00 \$ 12,362 Cum. Fuel Cum. Bits: \$ Rot. Hrs: **TRIP GAS** CONN

T 115 R15ES-20 43-013-32425

GASCO ENERGY



Well:	75 00		= CYN	FED -41-2	0-11-15			Date):	3/4/2005	Days:	D07
Depth:		Prog:		OPR:		RURT			nation:			
DMC: \$	0	<u> </u>	тмс: \$		0		TDC: \$	\$		cwc: \$	\$	372,477
Contractor:		BILL	JR.	Mud Co:			TANGIBLE			INTANGIBLE		
MW:		Liner:		Bit #:			Conductor:	\$	-	Rig Move:	\$	
VIS:		Stroke:		S/N:			Surf. Csg:	\$	1	Location:	\$	-
PV/YP:		SPM:		Size:			int. Csg:	\$	-	Rig Cost:	\$	10,700
Gel:		Press:		MFG:			Prod Csg:	\$	_	вна:	\$	
ph:		GPM:		Туре:		·	Float Equp:	\$	-	Cement:	\$	
WL:		NV:		Jets:			Well Head:	\$	-	Mud Logger:	\$	
Cake:		AV:		ln:			TBG/Rods:	\$	-	Water:	\$	-
Sand:		Dev:		Out:			Packers:	\$	-	Bits / Corehead	: \$	
Solids:				FTG:			Tanks:	\$	-	Rental Tools:	\$	1,050
Chis:				Hrs:		,	Separator:	\$	-	Corrosion:	\$	
Pf/Mf:				FPH:			Heater:	\$	-	Consultant:	\$	850
LCM:				T/B/G:			Pumping L/T:	\$	-	Drilling Mud:	\$	
Ca:				WOB:			Prime Mover:	\$		Misc. / Labor:	\$	16,453
Time	Break Dov	vn:		RPM:			Misc:	\$	-	Forklift:	\$	130
START	END	TIME		ВНА:			Daily Total:	\$		Daily Total:	\$	29,183
6:00	18:00	12:00	RIG UP R	OTARY T	OOLS					Cum. Wtr:	\$	1,550
			RID UP B	OP AND I	NSTALL NE	W ROTATII	NG HEAD			Cum. Fuel	\$	12,362
			PUMP ME	CHANIC	INSPECTE) #1 MUD F	PUMP, OK.			Cum. Bits:	\$	
							<u>-</u> _			Rot. Hrs:		
		_							-			
		_										
							_					
				-								
		_					_		-			
				=								
		_							<u></u>			
				_			_		_			
				_								
				_								
					, 							
									_			
				_								
				_						TRIP GAS		
									_	CONN		
ВНА:				_						BKG GAS		
CONSULTAN	NT:				· · · · · · · · · · · · · · · · · · ·							

				RTMEN	TATE (ATURA	L RESC						(hi	ENDED ghlight	chang	jes)			RM 8
<u> </u>		. [DIVISI	ION O	FOIL,	GAS	AND I	MININ	G					ease de ML-90			SERIAL N	IUMB	ER:
WEL	L COM	PLET	TON	OR I	RECO	OMPL	ETIC	ON R	EPO	RT ANI	D LOG	ì		FINDIAÑ, NA	ALLOT	TEE OR	TRIBE NAM	Æ	
1a. TYPE OF WELL	:	OI W	ELL]	GAS WELL		DRY		n 87	FINE	AITIA	<u> </u>		INIT or CA	A AGRE	EMENT N	IAME		
b. TYPE OF WORK NEW WELL	HORIZ.	D	EEP-	7	RE- ENTRY	7	DIFF. RESVR.	U (UIV	TIUL	HIM			VELL NAN			#41-2	 0-1	1-15
2. NAME OF OPERA Gasco En			<u> </u>		ENIKIL		RESVR.			HER			9. A	PI NUMBI 43013	ER:				
3. ADDRESS OF OF	PERATOR:				· ···						NUMBER:		10 F	IELD AND	POOL		DCAT		
8 Inverness			ity En	glewo	od	STATE	CO	ZIP 80 '	112	(30)3) 483-	0044		WILDCAT 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:					
4. LOCATION OF W AT SURFACE:	•		6 FEL											QTR/QTR MERIDIAI E NE	20		VNSHIP, R. 15E		,
AT TOP PRODU	CING INTERV	AL REPOF	RTED BE	LOW:											_				
AT TOTAL DEPT	Н:													OUCH		E	13. STA		JTAH
14. DATE SPUDDED 11/8/2004	D: 15	3/30/2		CHED: 16. DATE COMPLETED: ABANDONED READY TO PRODUC				E 🗹				кв, RT, GL ,587 К							
18. TOTAL DEPTH:	MD 9,5		Ī	19. PLUG BACK T.D.: MD 9,508 20. IF MULTIPLE COMPLETIONS, HOW					S, HOW I	MANY? *	21. DEP PL	TH BRI .UG SE	T:	MD IVD					
22. TYPE ELECTRIC			IICAL LO	GS RUN (Submit cor	ov of each)		<u> </u>	23.							*		
Platform Exp MICROLOG					I'M	UD 1	LOGI	っての	<i>20,013</i> P	WAS WELL WAS DST DIRECTIO	L CORED? RUN? NAL SURVE	Y?	NО NO	Z `	YES YES YES	j (s	ubmit analy ubmit repor ubmit copy)	rt)	
24. CASING AND LI	NER RECORD	(Report	all string:	s set in w	ell)														
HOLE SIZE	SIZE/GRA	DE	WEIGHT	HT (#/ft.) TOP (MD) BOTTOM (MD) STAGE CEMENTER DEPTH CEMENT TYPE & NO. OF SACKS				SLUI VOLUM		CEM	ENT TOP	** AMO	UNT	PULLED					
17.5	13.37 I		48		(20	_			G	225				RF(CIF			
12.25		J55	32					965			PREM	660			URI	F(CIR	<u>C) </u>		
7.875	4.5 P	110	13.	.5	С	,	9,	554	_		HILIFT 50-50 P	400		1400' (CBL)					
		_									30-30 P	1,150			140	0 (01	<u>"-' </u>		
															-		+		
25. TUBING RECOR	L	l									<u> </u>				Щ.				
SIZE	DEPTH S	ET (MD)	PACK	ER SET (I	MD)	SIZE		DEPTH	SET (MD	PACKE	R SET (MD)		SIZE	D	EPTH S	SET (MD)	PACK	ER SI	ET (MD)
2.375	9,0	69											·	<u> </u>					
26. PRODUCING IN		r		T							RATION REC								
(A) MESAVEI		7,4			м (MD) 469	TOP	(170)	вотто	M (1VD)	9.202	L (Top/Bot - I		.44	NO. HOL	—⊢	PERF	ORATION		us T
(B) WASATC			203		312					9,102		470 148	.44	48		pen 🔽	Squeez	<u>-</u> -	-
(C)		3,2	.00	,,	J12					7,836		856	.44	30		реп 🔽	Squeez		╤
(D)				 -						5,884		898	.44	36		pen 🔽	Squeez	 -	_
28. ACID, FRACTUR	E, TREATME	NT, CEME	NT SQUE	EEZE, ET(C.	·		<u></u>					ا						
DEPTH I	NTERVAL								AM	OUNT AND T	YPE OF MAT	ERIAL							
STAGE 1: 92	202-9470)	1011	<# 20-	40 SD	X 55.	5K# 2	0-40 T	EMPE	RED "D	C" SD 2	X 323	5 BBL	S WF	X YF	118	GEL		
STAGE 2: 9°	102-9148	3	62.7	K# 20	-40 SE	X 63	.2K# 2	20-40	ГЕМР	ERED "I	OC" SC	X 240	0 BBL	.WF>	(YF	118 0	ÆL		
STAGE 3: 78	336-7856	}	48.4	K# 20	-40 SD	X 96	2 BBL	YF11	B GEL	(:	STAGE	4 BEI	OW)						
29. ENCLOSED ATT	ACHMENTS:											-				30. W	ELL STATI	JS:	
一	RICAL/MECHA Y NOTICE FO			CEMENT	VERIFICA	ATION	\equiv	GEOLOGIC		吕	DST REPOR	r [DIREC	TIONAL S	URVEY] r	LOW	/IN	IG
													wast.		V L	<u>1</u> 11/			

(CONTINUED ON BACK)

MAY 3 1 2005



31. INITIAL PR	ODUCTION					IN	ΓERVAL A (As sho	wn in item #26)			10 C) ;	TE E La June	a VI I	I I I have
DATE FIRST PI 5/3/2005			TEST DATE 5/4/20			HOURS TESTE	D: 24	TEST PRODUCTI RATES: →	ION	OIL – BBL:	GAS - MCF: 287	WATER - BE	BL:	PROD. METHOD: FLOWING
CHOKE SIZE:	TBG. PRES		CSG. PRES 850		RAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCT RATES: →	ION	OIL – BBL:	GAS – MCF: 287	WATER - BE	BL:	INTERVAL STATUS:
						INT	TERVAL B (As sho	wn in item #26)						
DATE FIRST PI	RODUCED:		TEST DATE	≣:		HOURS TESTE	D:	TEST PRODUCTI RATES: →	ION	OIL - BBL:	GAS - MCF:	WATER - BE	BL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	SS.	CSG. PRES	SS. API GF	RAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCT RATES: →	ION	OIL - BBL:	GAS MCF:	WATER BE	BL:	INTERVAL STATUS:
						INI	TERVAL C (As sho	wn in item #26)						
DATE FIRST PI	RODUCED:		TEST DATE	≣:		HOURS TESTE	D:	TEST PRODUCTI RATES: →	ION	OIL – BBL:	GAS MCF:	WATER BE	3L:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	SS.	CSG. PRES	SS. API GF	PAVITY			24 HR PRODUCTION RATES: →		OIL – BBL:	GAS MCF:	WATER BE	3L:	INTERVAL STATUS:
	<u></u>			<u> </u>		INT	TERVAL D (As shor	wn in item #26)						
DATE FIRST PR	RODUCED:		TEST DATE	Ξ :		HOURS TESTE	D:	TEST PRODUCTI RATES: →	ON	OIL - BBL:	GAS - MCF:	WATER - BE	3L:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	SS.	CSG. PRES	SS. API GF	AVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCT RATES: →	ION	OIL – BBL:	GAS – MCF:	WATER - BE	3L:	INTERVAL STATUS:
32. DISPOSITION SOLD	ON OF GAS (Sold, U	sed for Fu	el, Vented, Et	c.)									
33. SUMMARY	OF POROUS	ZONE	S (Include	Aquifers):					34	4. FORMATION	(Log) MARKERS:	····		
Show all imports tested, cushion							n tests, including de	epth interval						
Formati	ion		op MD)	Bottom (MD)		Descrip	otions, Contents, etc).			Name		(M	Top leasured Depth)
UINTA WASATC DARK CA U. MESA L. MESA\	NYON VERDE	3,: 7,: 7,4	0 203 312 431 469	3,202 7,311 7,430 9,468									<u> </u>	
35. ADDITIONA	AL REMARKS	(Includ	te plugging	g procedure)										
28. (cont.) STAGE	≣ 4: 5	5884-58	898'; 82.	8K# 2	0-40 SD X	1114 YF 11	8 GEL.						
36. I hereby ce	rtify that the	foregoi	ng and atta	ached informa	ition is co	omplete and com	ect as determined	from all available	reco	ords.				
NAME (PLEAS	SE PRINT) _	Antho	ony W.	Sharp		-A	,	TITLE Se	nic	or Enginee	r			
SIGNATURE	M	me	L	h	//	ling	3		26/	/2005				

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- · reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- ** ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

GASCO Energy Drilling Report Gate Canyon State #41-20-11-15 NWNE, Sec.20, T11S,R15E Duchesne County, Utah

43-013-32475

Gate Canyon State 41-20-11-15

Completion

4/19/05 Ran CBL and psi tested csg to 9000 psi, ok. Hooked up FB manifold.

4/21/05

RU SLB (Jason) and perforated Stage 1 – Lower Mesaverde f/ 9202 – 05', 9240 – 42', 9261 – 64', 9300 – 03', 9317 – 20', 9466 – 70', 3 spf w/ 3 1/8" HiVolt guns, 21 gm Powerfrac chgs, .44 EHD, 24.9" pen. RU SLB (Red crew, Selwyn). Broke dn perfs @ 5023 psi @ 5 bpm. ISIP 3745. Calc 24 holes open/ 54. FG .84. Hybrid fraced Stage 1 w/ 101,000 # 20-40 reg white sd and 55,500# 20-40 Tempered DC sd, using 3235 bbls WF and YF 118. Flushed w/ 135 bbls. ISIP 3830. Opened well up to flowback @ 10:45 AM on 12/64" ck w/ 3650 SICP. Cleaned up wellbore. RU SLB (Jason) and start IH w/ plug and guns to perf Stage 2 – Lower Mesaverde. Stacked out @ 20' twice, and then got stuck there. Worked and flowed well to try to free. Finally came loose. POOH w/ broken FTFP. Tool was parted in middle of mandrel, with top portion of plug still intact. Got 2 pcs of comp mat in flowback line. Left well flowing for night. (SCE)

4/22/05

RU SLB slickline (Scott Pitt) and RIH w/ Baker sd line drill. Drilled up stuck plug @ 1' GL. Drilled up in 25 min and pushed dn hole. Had to drill and push until 3500'. Chased plug and tagged @ 9378'. POOH. Got stuck twice on the way out. RU electric line and RIH w/ junk basket. POOH and recovered handful of comp material. RIH w/ plug and guns to perf **Stage 2 – Lower Mesaverde**. Set FTFP #1 @ 9170'. Perf stg 2 f/ 9102 – 06', 9118 – 22', 9144 – 48', 3 spf as above. RU to frac Stg 2. Broke dn perfs @ 5243 psi @ 4.4 bpm. ISIP 3560. Calc 19 holes open/ 36. FG .82. Hybrid fraced Stage 2 w/ 62,700 # 20-40 reg white sd and 63,200# 20-40 Tempered DC sd, using 2400 bbls WF and YF 118. Flushed w/ 133.5 bbls. ISIP 3570. Opened well up to flowback @ 5:30 PM on 12/64" ck w/ 3300 SICP. (SCE) DC 15,139 (Completion) CC 15,139.

4/23/05

Well flowing this AM @ 850 FCP on 16/64" ck. Flowed 1002 bbls in 15 ¾ hrs. TR 2092. BLWTR 3543. SWI to **perforate Stage 3 – Upper Mesaverde**. Set FTFP #2 @ 7870'. Perfed f/ 7836 – 40', 7852' – 56', 3 spf as above. RU to frac Stg 3. Broke dn perfs @ 5000 psi. ISIP 3030. Calc 13 holes open/24. FG .82. Fraced Stage 3 w/ 48,404# 20-40 reg white sd, using 962 bbls YF 118. Flushed w/ 114.5 bbls. ISIP 3570. Opened well up to flowback @ 8:45 AM on 12/64" ck w/ 3200 SICP. Cleaned up wellbore and RIH w/ plug and guns to perf Stage 4 – Wasatch.

GASCO Energy Drilling Report Gate Canyon State #41-20-11-15 NWNE, Sec.20, T11S,R15E Duchesne County, Utah

Set FTFP #3 @ 5915'. Perforated Wasatch f/ 5884 – 89', 5893 – 98', 3 spf as above. Pumped into perfs @ 2280 psi (no break). ISIP 3020. FG .95. Calc 37 holes open / 30. Fraced Wasatch w/ 82,800 # 20-40 sd, using 1114 bbls YF 118 gel. Flushed csg w/ 86 bbls. ISIP 3205. Opened well up to flowback @ 5:30 PM on 12/64" ck w/ 3300 SICP. (SCE) DC 338,823 (Completion) CC 353,962.

- Well flowing this AM w/75 FCP on 20/64" ck. Fld 930 bbls in 20 3/4 hrs. 4/24/05 TR 3022. BLWTR 4688. Left well flowing to FB tk for weekend. Released FB crew. Spot in Temples rig. (SCE) DC 25,482 CC 379,444 Well flowing this AM w/ 40 FCP on 20/64" ck. Fld 227 in 24 hrs. TR 4/25/05 3249. BLWTR 4461. 4/26/05 Well dead this AM. Fld 87 bbls in 24 hrs. TR 3336. BLWTR 4374. RU Temples WS. ND frac tree. NU BOPE. RIH w/ 3 3/4" bit + Weatherford POBS w/ float + 1 it + XN nipple + 180 its new, 2 3/8" N-80 tbg. Tagged FTFP #3 @ 5915' (no sd). Pull up 2 its and SDFN. Left well open to tk for night – dead. (Rick w/ Premier). DC 4905 CC 384.349. 4/27/05 RU Weatherford air foam unit (f/ Rock Springs). RU power swivel. Drill up FTFP #3 @ 5915'. RIH and drill up FTFP #2 @ 7870' (no sd). RIH and drill up FTFP #1 @ 4/28/05 0/1100. Tbg dead this AM. Flowed and air foamed 405 bbls. TR 3741. BLWTR 3969. Broached tbg to SN. Swabbed all day. Left tbg open to FB tk for night. DC 81314 CC 478,652 Fd 0/1600. Tbg barely whispering. Swabbed and flowed 125 bbls in 24 4/29/05 hrs. TR 3866, BLWTR 3844, Swabbed well in w/3 runs. Well died @ 3:00 PM. Left open to tk for night. (Rick) DC 3737 CC 482,389 Fd 0/1550. Swabbed and flowed 140 bbls in 7 hrs. TR 4006. BLWTR 4/30/05
- 4/30/05 Fd 0/1550. Swabbed and flowed 140 bbls in 7 hrs. TR 4006. BLWTR 3704. Swabbed well in w/ 3 runs. Left well flowing to tk for night. (Rick) DC 3737 CC 486,126
- 5/1/05 Well flowing this AM @ 75/650. Flowed 116 bbls in 15 hrs on 32/64". Pinched back to 24/64" ck. TR 4272. BLWTR 3438. DC 7286 CC 493,412
- 5/2/05 Well flowing this AM @ 100/650. Made 111 in 24 hrs on 24/64" ck. Pinched back t 20/64" ck. TR 4383. BLWTR 3327.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-90001-OBA
SUND	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e: ıgged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: GATE CANYON
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: GATE CYN 41-20-11-15
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	NY		9. API NUMBER: 43013324750000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10		: NUMBER: 303 483-0044 Ext	9. FIELD and POOL or WILDCAT: GATE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0581 FNL 0646 FEL	D DANCE MEDIANA		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 20	Township: 11.0S Range: 15.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
10/12/2010	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	✓ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Gasco would like commercial dispos Range 2 west in Bl	MPLETED OPERATIONS. Clearly show all perting to dispose of water at RN Industry all facility located in Sections 4 augmented by the section of the section o	stries state approved and 9 Township 2 south used in addition to the s to dispose of water fron	Approved by the Utah Division of
NAME (PLEASE PRINT) Roger Knight	PHONE NUMBER 303 996-1803	TITLE EHS Supervisor	
SIGNATURE		DATE 10/5/2010	

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	IG	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-90001-OBA
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: GATE CANYON
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: GATE CYN 41-20-11-15
2. NAME OF OPERATOR: GASCO PRODUCTION COMPAI	NY		9. API NUMBER: 43013324750000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 10		NUMBER: 03 483-0044 Ext	9. FIELD and POOL or WILDCAT: GATE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0581 FNL 0646 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 20	Township: 11.0S Range: 15.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Gasco would like to state approved con Range 4 west in Nor	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION DMPLETED OPERATIONS. Clearly show all pertind dispose of water at Integrated Venture and Commercial disposal facility located th Blue Bench UT. This facility water from this well.	Vater management, LLC in Section 30, 2 south would be used in addition asco uses to dispose of	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON ✓ WATER DISPOSAL APD EXTENSION OTHER: Olumes, etc. ACCEPTED by the Utah Division of Oil, Gas and Mining ate: 12/30/2010
NAME (PLEASE PRINT) Roger Knight	PHONE NUMBER 303 996-1803	TITLE EHS Supervisor	
SIGNATURE N/A		DATE 12/29/2010	

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

4/16/2015

FORMER OPERATOR:	NEW OPERATOR:
Gasco Prodcution Company N2575	Badlands Production Company N4265
7979 E. Tufts Avenue, Suite 11500	7979 E. Tufts Avenue, Suite 11500
Denver, CO 80237	Denver, CO 80237
303-996-1805	303-996-1805
CA Number(s):	Unit(s):Gate Canyon, Wilkin Ridge Deep, RBU-EOR-GRRV

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Туре	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:

6/2/2015

2. Sundry or legal documentation was received from the **NEW** operator on:

6/2/2015

3. New operator Division of Corporations Business Number:

1454161-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on:

6/2/2015

2. Receipt of Acceptance of Drilling Procedures for APD on:

N/A

3. Reports current for Production/Disposition & Sundries:

6/3/2015

4. OPS/SI/TA well(s) reviewed for full cost bonding:

1/20/2016

5. UIC5 on all disposal/injection/storage well(s) approved on:

N/A

6. Surface Facility(s) included in operator change:

None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

SUR0027842

2. Indian well(s) covered by Bond Number:

N/A

3.State/fee well(s) covered by Bond Number(s):

SUR0027845

SUR0035619 -FCB

DATA ENTRY:

1. Well(s) update in the OGIS on:	1/22/2016
2. Entity Number(s) updated in OGIS on:	1/22/2016
3. Unit(s) operator number update in OGIS on:	1/22/2016
4. Surface Facilities update in OGIS on:	N/A
5. State/Fee well(s) attached to bond(s) in RBDMS on:	1/22/2016
6. Surface Facilities update in RBDMS on:	N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division

of their responsibility to notify all interest owners of this change on:

1/22/2016

COMMENTS:

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

Effective Date: 4/16/2015		T	1-00			1	1		T
Well Name	Section	TWN	-	API Number	Entity	Mineral	Surface	Type	Status
FEDERAL 23-18G-9-19	18	090S		4304752496		Federal	Federal		APD
FEDERAL 14-17G-9-19	17	090S		4304752522		Federal	Federal		APD
FEDERAL 13-18G-9-19	18	090S		4304752538		Federal	Federal	_	APD
FEDERAL 23-29G-9-19	29	090S		4304752544		Federal	Federal	+	APD
FEDERAL 24-20G-9-19	20	090S	190E	4304752545		Federal	Federal	1	APD
FEDERAL 31-21G-9-19	21	090S	190E	4304752546		Federal	Federal	OW	APD
Federal 323-29-9-19	29	090S	190E	4304753026		Federal	Federal	GW	APD
Federal 421-29-9-19	29	090S	190E	4304753027		Federal	Federal	GW	APD
Federal 322-29-9-19	29	090S	190E	4304753029		Federal	Federal	GW	APD
Federal 431-29-9-19	29	090S	190E	4304753030		Federal	Federal	GW	APD
Federal 432-29-9-19	29	090S	190E	4304753031		Federal	Federal	GW	APD
Federal 414-29-9-19	29	090S	190E	4304753070	•	Federal	Federal	GW	APD
FEDERAL 412-29-9-19	29	0908	190E	4304753073		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	0908	190E	4304753076		Federal	Federal	GW	APD
federal 321-29-9-19	29	0908		4304753078	(mm)	Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	1	4304753079		Federal	Federal	GW	APD
FEDERAL 321-29-9-19	29	090S		4304753080		Federal	Federal	GW	APD
Federal 212-29-9-19	29	090S		4304753133		Federal	Federal	GW	APD
State 321-32-9-19	32	090S		4304754479		State	State	GW	APD
State 423-32-9-19	32	090S	1	4304754480		State	State	GW	APD
State 421-32-9-19	32	090S	-	4304754481	-	State	State	GW	APD
State 413-32-9-19	32	090S	-	4304754482	1	State	State	GW	APD
State 323-32-9-19	32	090S	-	4304754483	 	State	State	GW	APD
State 431-32-9-19	32	090S		4304754529	ļ	State	State	GW	APD
The state of the s				4304754541			-	-	-
Desert Spring State 224-36-9-18	36	090S			1	State	State	GW	APD
Desert Spring State 243-36-9-18	36	090S	-	4304754542		State	State	GW	APD
Desert Spring State 241-36-9-18	36	0908		4304754543	10650	State	State	GW	APD
FEDERAL 332-30-9-19	30	0908		4304753012		Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S		4301333098	-	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S		4304736915	16556		Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S		4304738573		Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	-	4304739777		Federal	Federal	_	OPS
FEDERAL 12-17-9-19	17	090S	-	4304739800			Federal	+	OPS
GATE CYN 31-21-11-15	21	110S		4301332391	13787		State	GW	P
WILKIN RIDGE ST 12-32-10-17	32		-	4301332447		-	State		P
GATE CYN 41-20-11-15	20	110S	-	4301332475	-		State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	1008	-	4301332730	15243		State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S		4301332773		Federal	Federal	+ -	P
WILKIN RIDGE 32-08	8	110S	1	4301332778			Federal		P
GATE CYN ST 23-16-11-16	16	1105	-	4301332888			State	-	P
WILKIN RIDGE FED 24-20-10-17	20	1008				Federal	Federal		P
WILKIN RIDGE FED 32-20-10-17	20	100S	1	4301333087		Federal	Federal		P
WILKIN RIDGE FED 14-4-11-17	4	110S	-	4301333099	-		Federal	-	P
RYE PATCH FED 22-21	22	110S		4301333037		Federal	Federal		P
RYE PATCH FED 22-21 RYE PATCH FED 24-21	24	1105	+	4301333437		Federal	Federal	-	P
The second of th	2		1						P
SQUAW CROSSING U 5	-	1005	-	4304730129	16266		State	OW	-
RBU 5-11D	11	1008	_		9005	Federal	Federal		P
FEDERAL 7-25A	25	090S	INOF	4304730624	9030	Federal	Federal	UW	P

RBU 6-2D	2	100S	180E 4304731190 7075 State State OW P)
NGC 33-18J	18	090S	190E 4304731190 7073 State State OW P	
	2	100S	180E 4304731280 16267 State State OW P	
RBU 13-2D	3			
RBU 16-3D		1005		
RBU 10-11D	11	100S	180E 4304731357 7053 Federal Federal OW P	
RBU 8-10D	10	1008	180E 4304731364 4955 Federal Federal OW P	
RBU 15-3D	3	100S	180E 4304731539 9965 Federal Federal OW P	
RBU 12-12D	12	1008	180E 4304731651 10688 Federal Federal OW P	
RBU 2-10D	10	100S	180E 4304731801 10784 Federal Federal OW P	
RBU 3-15D	15	100S	180E 4304733600 13213 Federal Federal OW P	
RBU 3-12D	12	100S	180E 4304733739 14492 Federal Federal OW P	
STATE 7-36A	36	090S	180E 4304733741 14244 State State GW P	
FEDERAL 34-29	29	090S	190E 4304733750 13174 Federal Federal GW P	
FEDERAL 24-7 #1	7	100S	180E 4304733983 13182 Federal Federal GW P	•
FEDERAL 23-29 #1	29	090S	190E 4304734111 13441 Federal Federal GW P	•
FED 24-20-9-19	20	090S	190E 4304734168 14150 Federal Federal GW P	•
FED 44-20-9-19	20	090S	190E 4304734169 14140 Federal Federal GW P)
FED 23-21-9-19	21	090S	190E 4304734199 13601 Federal Federal GW P	•
FED 32-31-9-19	31	090S	190E 4304734201 13641 Federal Federal GW P)
FED 42-29-9-19	29	090S	190E 4304734202 13455 Federal Federal GW P)
PETES WASH 23-12 #1	12	100S	170E 4304734286 13492 Federal Federal GW P)
STATE 4-32B	32	090S	190E 4304734314 14440 State State GW P	
FED 14-18-2 #1	18	100S	180E 4304734539 13491 Federal Federal GW P	
FED 43-24-3 #1	24	100S	170E 4304734551 13726 Federal Federal GW P	
LYTHAM FED 22-22-9-19	22	0908	190E 4304734607 13640 Federal Federal GW P	
FED 11-21-9-19	21	0908	190E 4304734608 14151 Federal Federal GW P	
FED 22-30-10-18	30	100S	180E 4304734924 14280 Federal Federal GW P	
FEDERAL 43-30-9-19	30	090S	190E 4304735343 14202 Federal Federal GW P	
FED 11-22-9-19	22	090S	190E 4304735404 14203 Federal Federal GW P	
FED 42-21-9-19	21	090S	190E 4304735405 14928 Federal Federal GW P	
	16			
STATE 24-16-9-19		0908		
FEDERAL 31-21-9-19	21	090S	190E 4304735606 14441 Federal Federal GW P	
FEDERAL 12-29-9-19	29	0908	190E 4304735614 14442 Federal Federal GW P	
FEDERAL 24-31-9-19	31	090S	190E 4304735623 14640 Federal Federal GW P	-
FEDERAL 41-31-9-19	31	0908	190E 4304735624 14419 Federal Federal GW P	
LAMB TRUST 24-22-9-19	22		190E 4304735732 14496 Fee Fee GW P	
LAMB TRUST 24-14-9-19	14		190E 4304735733 14519 Fee Fee GW P	
FEDERAL 11-22-10-18	22		180E 4304735808 15592 Federal Federal GW P	
FEDERAL 21-6-10-19	6	100S	190E 4304735844 14356 Federal Federal GW P	
DESERT SPRING ST 41-36-9-18	36	090S	180E 4304735845 14639 State State GW P	
STATE 12-32-9-19	32	090S	190E 4304735995 14871 State State GW P	
FEDERAL 12-20-9-19	20	090S	190E 4304736093 14976 Federal Federal GW P)
FEDERAL 32-20-9-19	20	090S	190E 4304736094 16120 Federal Federal GW P	
FEDERAL 23-30-9-19	30	090S	190E 4304736095 14872 Federal Federal GW P)
SHEEP WASH FED 34-26-9-18	26	090S	180E 4304736113 15096 Federal Federal GW P)
DESERT SPRING ST 23-36-9-18	36	090S	180E 4304736219 14738 State State GW P)
DESERT SPRING ST 21-36-9-18	36	090S	180E 4304736220 14763 State State GW P)
DESERT SPRING ST 12-36-9-18	36	090S	180E 4304736233 14764 State State GW P	
DESERT SPRING ST 43-36-9-18	36	090S	180E 4304736241 14992 State State GW P	•
DESERT SPRING ST 34-36-9-18	36	090S	180E 4304736242 14716 State State GW P)
FEDERAL 14-31-9-19	31	090S	190E 4304736271 15884 Federal Federal GW P)
FEDERAL 12-31-9-19	31	090S	190E 4304736336 15086 Federal Federal GW P	
FEDERAL 21-31-9-19	31	0908	190E 4304736368 15605 Federal Federal GW P	
FEDERAL 23-31-9-19	31	0908	190E 4304736442 15715 Federal Federal GW P	
SHEEP WASH FED 43-25-9-18	25	090S	180E 4304736600 14977 Federal Federal GW P	
FEDERAL 43-19-9-19	19	090S	190E 4304736719 15186 Federal Federal GW P	
1 DDDIM1D 7J-17-7-17	17	10703	I TOUCH TOUT I TO I TOUCHAI TOUCHAI UW F	

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

CHEED WASH DED OF O 10	- 105	0000	100E 4004504505	15675	P. 1 2	F. 2 1	CITY	D
SHEEP WASH FED 21-25-9-18	25	090S	180E 4304736727			Federal	GW	P
FEDERAL 21-30-9-19	30	0908	190E 4304736739		Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E 4304736740		Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E 4304736771		Federal			P
SHEEP WASH FED 41-25-9-18	25	090S	180E 4304736772		+	Federal	+	P
FEDERAL 41-30-9-19	30		190E 4304736817			Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E 4304736913		+	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E 4304736916			Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E 4304737115	 		State	GW	P
FEDERAL 14-17-9-19	17	0908	190E 4304737116		Federal	Federal	+	P
FEDERAL 34-18-9-19	18		190E 4304737117		Federal	Federal		P
UTELAND ST 41-2-10-18	2	100S	180E 4304737132	15087	-	State	GW	P
UTELAND ST 43-2-10-18	2	1005	180E 4304737338	-		State	GW	P
FEDERAL 41-19-9-19	19	0908			Federal	Federal	_	P
FEDERAL 32-30-9-19	30	0908	190E 4304737612		 	Federal		P
FEDERAL 12-30-9-19	30	0908	190E 4304737613	 	+	Federal		P
FEDERAL 21-19-9-19	19		190E 4304737621		Federal		GW	P
FEDERAL 14-18-9-19	18	0908	190E 4304737622			Federal		P
FEDERAL 34-30-9-19	30	090S	190E 4304737630	 		Federal		P
DESERT SPRING FED 21-1-10-18	1	1008	180E 4304737631			Federal	+	P
FEDERAL 12-1-10-18	1	1005	180E 4304737646		+	Federal	+	P
SHEEP WASH FED 14-25-9-18	25	090S	180E 4304737647	•		Federal		P
UTELAND ST 21-2-10-18	2	100S	180E 4304737676			State	GW	P
UTELAND ST 12-2-10-18	2	100S		15806		State	GW	P
UTELAND ST 34-2-10-18	2	100S		16868	+	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E 4304738336		+	Federal	+	P
FEDERAL 34-19-9-19	19	0908			Federal	Federal	_	P
SHEEP WASH FED 41-26-9-18	26	0908			Federal	Federal		P
SHEEP WASH FED 32-25-9-18	25	0908	180E 4304738352		Federal	Federal		P
SHEEP WASH FED 34-25-9-18	25 19	090S 090S			Federal	Federal Federal		P
FEDERAL 12-19-9-19	26	090S	190E 4304738407 180E 4304738465			Federal	GW	P
SHEEP WASH FED 23-26-9-18	25	0908			Federal Federal			P
SHEEP WASH FED 12-25-9-18	18	090S	190E 4304738575			Federal	GW	P
FEDERAL 23-18-9-19 LAMB TRUST 34-22A-9-19	22		190E 4304738573 190E 4304738673			Federal		P
UTELAND FED 42-11-10-18	11		180E 4304738896			Fee	GW	P
	32	090S	190E 4304739170		·			P
STATE 22 22A	32		190E 4304739170 190E 4304739171			State	GW	P
STATE 21-22A	32	0908	190E 4304739171 190E 4304739172			State	GW	P
STATE 21-32A	19	090S 090S	190E 4304739172 190E 4304739717		·	State Federal	GW	
FEDERAL 11-19-9-19 SHEEP WASH FED 31-25-9-18	25	_	180E 4304739717		 		_	P P
	25	0908				Federal	+	+
SHEEP WASH FED 11-25-9-18	1	090S	180E 4304739730		+	Federal	 	P
DESERT SPG FED 41-1-10-18 FED 32-19X-9-19(RIGSKID)	19	100S 090S			Federal Federal	Federal Federal		P P
FEDERAL 23-30G-9-19	30	090S			Federal	Federal		P
FEDERAL 23-30G-9-19 FEDERAL 34-19G-9-19	19	090S	190E 4304751281			Federal		P
FEDERAL 34-19G-9-19 FEDERAL 442-30-9-19	30	090S	190E 4304751281 190E 4304752870		†	Federal	 	P
FEDERAL 333-30-9-19	30	090S	190E 4304752870 190E 4304752872			Federal		P
FEDERAL 423-30-9-19	30	090S	190E 4304752872 190E 4304753011			Federal		P
Desert Springs State 412-36-9-18	36	090S	180E 4304753324			State	GW	P
	36	090S	180E 4304753324 180E 4304753325		-		+	P
Desert Springs State 424-36-9-18 Desert Springs State 123-26-9-18	36	090S	· · · · · · · · · · · · · · · · · · ·			State	GW	P
Desert Spring State 133-36-9-18			180E 4304753326			State	GW	
Desert Spring State 142-36-9-18	36	0908	180E 4304753327			State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	0908	180E 4304753328			State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E 4301332677			State	GW	S
RBU 4-11D	11	100S	180E 4304730718	10209	rederal	Federal	UW	S

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	ow	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

ı	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76482			
SUNDRY	NOTICES AND REPORTS ON WE	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill n drill horizontal la	wwwells, significantly deepen existing wells below current bottom-hole deerals. Use APPLICATION FOR PERMIT TO DRILL form for such propor	pth, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME:	
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: Desert Spring Fed 21-1-10-18	
2. NAME OF OPERATOR:			9. API NUMBER: 4304737631	
Gasco Production Compa: 3. ADDRESS OF OPERATOR:		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:	
7979 E. Tufts Ave.	Denver STATE CO ZIP 80237	(303) 483-0044	Uteland Butte	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0633 F	NL 1512 FWL		соинту: Uintah	
QTR/QTR, SECTION, TOWNSHIP, RAN	SE, MERIDIAN: NENW 1 10S 18E S		STATE: UTAH	
11. CHECK APPE	OPRIATE BOXES TO INDICATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA	
TYPE OF SUBMISSION		YPE OF ACTION		
Gasco Production Compar Production Company to Ba Gasco Production Compar 7979 E Tufts Ave, Suite 11	CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE MPLETED OPERATIONS. Clearly show all pertinent details in any requests a change of operator on this well dlands Production Company, effective date	STRUCTION R CHANGE D ABANDON K HON (START/RESUME) TION OF WELL SITE ETE - DIFFERENT FORMATION RICHIDING dates, depths, volume I, in addition to the we		
Denver CO 80237 303-996-1805 Michael Decker, Exec. Vice	President & COO		"and from had how \$ 3. 5 hour lived"	
Dadlanda Desdesation Occ			RECEIVED	
Badlands Production Comp 7979 E Tufts Ave, Suite 11 Denver CO 80237			JUN 0 2 2015	
Michael Decker, Exec. Vice	President & COO	DIV.	OF OIL, GAS & MINING	
NAME (PLEASE PRINT) Lindsey Co	oke nit	Engineering Tech	1	
SIGNATURE AMBLI	COOKE DA	5/18/2015		
(This space for State use only)		AP	PROVED	

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	1108	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	1108	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	1108	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	1108	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	1108	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	1108	140E	4301333443	16367	Federal	Federal	GW	P
RBU 5-11D	11	1008	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBU 6-2D	2	100\$	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	0908	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	1008	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	1008	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	1008	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	1008	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	1005	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090\$	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	0908	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	0908	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	0908	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19 FED 42-29-9-19	31 29	090S 090S	190E 190E	4304734201 4304734202	13641 13455	Federal Federal	Federal Federal	GW GW	P P
PETES WASH 23-12 #1			170E			Federal		GW	
	12 32	1008		4304734286	13492	State	Federal State		P P
STATE 4-32B		090\$	190E 180E	4304734314	14440			GW GW	
FED 14-18-2 #1	18	100S		4304734539	13491	Federal	Federal Federal		P
FED 43-24-3 #1 LYTHAM FED 22-22-9-19	24 22	100S 090S	170E 190E	4304734551 4304734607	13726 13640	Federal Federal	Federal	GW GW	P P
FED 11-21-9-19 FED 22-30-10-18	21 30	090S 100S	190E 180E	4304734608 4304734924	14151 14280	Federal Federal	Federal Federal	GW GW	P P
			190E		14202	Federal	Federal	GW	
FEDERAL 43-30-9-19	30	0908		4304735343					P P
FED 11-22-9-19 FED 42-21-9-19	22 21	090S 090S	190E 190E	4304735404 4304735405	14203 14928	Federal Federal	Federal Federal	GW GW	P P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	r P
31A1E 44-10-7-17	10	いろいろ	IYUE	4JU4/JJJ00	14419	SIMIC	reuerai	UW	Г

									_
FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
									P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	-
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090\$	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	0908	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P
SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
									P
FEDERAL 21-30-9-19	30	090\$	190E	4304736739	15476	Federal	Federal	GW	_
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090\$	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S		4304737613		Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E		16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19		090S	190E	4304737622	16264	Federal	Federal	GW	
	18					Federal			P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557		Federal	GW	P
DESERT SPRING FED 21-1-10-18		100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	0908	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P
	10	0700	LOUD	.507,505/3	10012	. Julia	. Judai	J 11	•

LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	ow	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101-1345
http://www.blm.gov/ut/st/en.html



IN REPLY REFER TO: 3180 (UTU90523X) UT-922000

October 30, 2015

Mr. Josh Crist Badlands Energy, Inc. 7979 East Tufts Avenue, Suite 1150 Denver, Colorado 80237

Dear Mr. Crist:

The Gate Canyon II Unit Agreement, Duchesne County, Utah, is approved effective October 30, 2015. This agreement has been designated No. UTU90523X.

This unit provides for the drilling of one obligation well and subsequent drilling obligations pursuant to Section 9 of the unit agreement. The initial well is to be drilled to a depth of 15,605 feet or a depth sufficient to test 100 feet below the top of the Dakota Formation, whichever is less; and located in the SE¼ of Section 18, Township 11 South, Range 15 East, SLB&M, Duchesne County, Utah.

No extension of time beyond April 30, 2016, will be granted to commence the "obligation well" other than "unavoidable delay" (Section 25), where justified.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

The basic information is as follows:

- 1. The depth of the test well and the area to be unitized were approved under the unit plan regulations of December 22, 1950, by Bureau of Land Management letter dated May 19, 2015.
- 2. All substances are unitized.

3. The unit area embraces 27,955.41 acres, more or less, of which the 20,471.11 acres (73.23 percent) are Federal lands; 7,084.30 acres (25.34 percent) are State lands, and 400.00 (1.43 percent are Patented lands.

The following leases embrace lands included within the unit area:

UTU62159	UTU67253	UTU74396	UTU76810
UTU65319	UTU73165	UTU75231	UTU76811
UTU65779**	UTU73425	UTU75233	UTU76812
UTU66798	UTU74387	UTU75670	UTU80914**
UTU66800	UTU74395	UTU76478	

^{**} Indicates non-committed leases.

All lands and interests are fully/effectively committed except Tracts 3 totaling 270.80 acres (0.97 percent) Tract 19 totaling 320.00 acres (1.14 percent) and Tract 28 totaling 80.00 acres (.29 percent) which are not committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

Unleased Federal land, Tract 20, totaling 360.00 acres (1.29 percent), is not committed, but is considered to be effectively controlled acreage because, prior to issuance of leases for the acreage, the lessee(s) may be required to commit to the unit agreement.

In view of the foregoing commitment status, effective control of operations within the unit area is assured. We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources.

Copies of the approved agreement are being distributed to the BLM Vernal Field Office, Utah Division of Oil, Gas and Mining, and the Office of Natural Resources Revenue. You are requested to furnish all other interested parties with appropriate evidence of this approval.

If there are any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

Roger L. Bankert

Chief, Branch of Minerals

Roger & Bankert

UDOGM cc: SITLA

ONRR w/Exhibit B (Attn: Jessica Bowlen/Joshua Pearson) FOM – Vernal w/enclosure

CERTIFICATION - DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior, under the Act approved

February 25, 1920, 41 Stat. 437, as amended, 30 U.S.C. sec 181, et seq., and delegated to the

Authorized Officer of the Bureau of Land Management, under the authority of 43 CFR 3180, I

do hereby:

Α. Approve the attached agreement for the development and operation of the Gate

Canyon II Unit Area, Duchesne County, Utah. This approval shall be invalid ab initio if the

public interest requirement under § 3183.4(b) of this title is not met.

B. Certify and determine that the unit plan of development and operation

contemplated in the attached agreement is necessary and advisable in the public interest for the

purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty and

royalty requirements of all Federal leases committed to said Agreement are hereby established,

altered, changed or revoked to conform with the terms and conditions of this agreement.

Dated: October 30, 2015

Chief, Branch of Minerals

Roger & Bankert

Bureau of Land Management

Contract No: <u>UTU90523X</u>

Wells added to Gate Canyon II Unit. Effective October 30, 2015

GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P